

Serial No.	District and subdivision.	Rainfall.	PRICE OF COMMON RICE, IN RUPEES, PER RUPEE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
5	KHULNA ...	Inches 2.28	5 $\frac{1}{2}$	4 $\frac{1}{2}$	Transplantation of <i>aman</i> paddy is going on. <i>Aman</i> seedlings and newly transplanted <i>aman</i> are recovering from the damage caused in early part of the month. Condition and prospects of jute are good; the effects of the weather on the growth of the crop are good. No damage. Harvesting is going on. Cattle disease is reported from Kaliganj and Protapnagar police-stations. Fodder is being damaged to some extent in Satkhira subdivision on accounts of heavy rain. Water is sufficient.
	Satkhira ...	1.09	5	5	
	Bagerhat ...	2.38	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
6	BURDWAN ...	0.46	4 $\frac{1}{2}$	5	Weather cloudy. Transplanting of <i>aman</i> paddy is nearly finished and weeding of <i>aman</i> paddy is progressing. <i>Aus</i> paddy and sugarcane are doing well. Harvesting of jute is progressing. The prices are abnormally high on account of export. Non-agricultural middle class people feel the strain. Cattle-disease is reported from Galsi and Sahebganj.
	Asansol ...	2.09	4 $\frac{1}{2}$	5	
	Katwa ...	1.45	4 $\frac{1}{2}$	5 $\frac{1}{2}$	
	Kalna ...	0.65	4	4 $\frac{1}{2}$	
7	BIRBHUM ...	1.60	5	5	Transplantation continues. Prospects of standing crops are favourable. Fodder and water are sufficient. A sum of Rs. 200 has been given as agricultural loan
	Rampurhat	1.18	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
8	BANKURA ...	3.38	5	5 $\frac{1}{2}$	Transplantation of paddy is finished. Prospects of standing crops are good. Export of rice and paddy continues.
	Vishnupur ...	2.33	5 $\frac{1}{2}$	4 $\frac{1}{2}$	
9	MIDNAPORE	4.68	5 $\frac{1}{2}$	5 $\frac{1}{2}$	Transplantation of winter rice is progressing. Condition and prospects of jute, autumn rice, <i>bhadoi til</i> are fair. Cattle-disease is reported from Contai, Bahiri and Khajri thanas.
	Ghatal ...	3.90	4 $\frac{1}{2}$	5 $\frac{1}{2}$	
	Tamluk ...	2.02	5	6	
	Contai ...	3.23	5 $\frac{1}{2}$	5 $\frac{1}{2}$	
10	HOOGHLY ...	0.61	4 $\frac{1}{2}$	4 $\frac{1}{2}$	Price of rice is rising. Condition and prospects of jute are good. Effects of weather are favourable. Harvesting is going on. Damage by insect-pests is reported from Sadar and Serampore subdivisions. Fodder is sufficient.
	Serampore ...	0.74	4 $\frac{1}{2}$	5 $\frac{1}{2}$	
	Arambagh ...	3.25	5 $\frac{1}{2}$	5 $\frac{1}{2}$	
11	HOWRAH ...	4.96	4	5	Weather rainy. Condition of sugarcane is good. Transplantation of <i>aman</i> paddy is almost over. Condition of jute is good. Slight damage by insects has been done in Singti and Amta thanas. Harvesting of jute continues in low lands. Fodder is sufficient.
	Ulubaria ...	2.99	5 $\frac{1}{2}$	5 $\frac{1}{2}$	
12	RAJSHAHI (RAMPUR-BOALIA).	2.42	4 $\frac{1}{2}$	4 $\frac{1}{2}$	The prospects of jute and other standing crops are favourable. Harvesting of jute and <i>aus</i> paddy and transplantation of winter rice continue. Fodder is sufficient.
	Naoogaon ...	2.43	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
	Nator ...	1.40	4 $\frac{1}{2}$	4 $\frac{1}{2}$	

Serial No.	District and subdivision.	Rainfall.	PRICE OF COMMON RICE, IN SEERS PER RUPEE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches			
13	DINAJPUR ...	2.75	4 $\frac{1}{2}$	4 $\frac{1}{2}$	Weather is favourable to standing crops at Sadar and Balurghat subdivisions. More rain is wanted for transplantation of <i>aman</i> paddy in Thakurgaon subdivision. Rice market is daily rising owing to large export.
	Thakurgaon	1.29	5	5	
	Balurghat ...	2.41	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
14	JALPAIGURI	0.53	5	5	Weather hot. Prospects of standing crops are fair. More rain is badly wanted for transplantation of winter rice and washing of jute. Fodder and water are sufficient.
	Alipur ...	1.25	4	4 $\frac{1}{2}$	
15	DARJEELING	7.02	4 $\frac{1}{2}$	4 $\frac{1}{2}$	Harvesting of potatoes, maize and cardamom continues. Condition and prospects of jute are fair. Effects of weather on the growth of jute are fair. No damage. Harvesting and steeping of jute continue. Transplanting of autumn paddy is going on. The supply of fodder and water is sufficient. Stock of food-grains is insufficient.
	Kurseong ...	6.68	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
	Siliguri ...	3.00	4	4	
	Kalimpong ...	3.15	5 $\frac{1}{2}$	(n)	
16	RANGPUR ...	1.99	4 $\frac{1}{2}$	4 $\frac{1}{2}$	Weather hot and cloudy. Cutting of jute and harvesting of <i>aus</i> paddy continue. The condition and prospects of jute are good. Transplanting of winter rice and steeping and washing of jute are retarded for want of sufficient rain. More rain is badly needed. Weather is not favourable for winter rice. Fodder and water are sufficient. Cattle-disease is subsiding at Nilphamari subdivision.
	Nilphamari	1.78	4	4 $\frac{1}{2}$	
	Kurigram ...	2.05	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
	Gaibandha ...	0.98	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
17	BOGRA ...	3.81	4 $\frac{1}{2}$	4 $\frac{1}{2}$	Harvesting of <i>aus</i> paddy and jute and transplanting of winter paddy are progressing. Progress of steeping and washing of jute is retarded for low flood. Condition of broadcast <i>aman</i> paddy in eastern part of the district is not favourable.
18	PABNA ...	3.93	5	5	<i>Aus</i> paddy has been harvested. Harvesting of jute continues. Water is insufficient for steeping of jute. The prospect of <i>aman</i> paddy is fair in Sadar and bad in Sirajganj subdivisions. Supply of fodder is tolerable.
	Sirajganj ...	2.87	4	4	

(n) Not reported.

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			This week.	Previous week.	
1	2	3	4	5	6
Inches					
19	MALDA ..	6.81	4 $\frac{1}{2}$	5	Rain is wanted in Kharba thana for paddy. Prospects of jute are fair. No damage to crop is reported. Harvesting has commenced in places. Fodder and water are sufficient. Cattle-disease is reported from Bholahat and Shibganj thanas. The price of food-grains is rising.
20	COOCH BEHAR	1.60	7 $\frac{1}{2}$	(n)	Weather hot with occasional showers. More rain is wanted for transplantation of <i>haimanti</i> paddy seedlings and steeping and washing of jute. Harvesting of <i>bitri</i> paddy continues. Fodder is sufficient. Cattle-disease is reported from Mathabhanga subdivision.
21	DACCA ...	4.01	8 $\frac{1}{2}$	4	Weather seasonable and beneficial to standing crops. Prospects of jute and <i>aman</i> paddy are good and a good outturn is expected. The rise of river level is benefitting broadcast and transplanted paddy.
	Manikganj ...	1.94	4	4	
	Narayanganj	4.14	{ 3 $\frac{1}{2}$ to 8 $\frac{1}{2}$ }	4	
	Munshiganj*	(n)	(n)	(n)	
22	MYMENSINGH	2.54	3 $\frac{1}{2}$	3 $\frac{1}{2}$	Weather hot with occasional showers. More rain is badly wanted. Transplanting of winter paddy and steeping of jute are impeded for want of rain. Harvesting of jute and <i>aus</i> paddy continue slowly. Prospects of crops are fair, but growth is affected. Fodder is sufficient, but insufficiency of water is feared.
	Jamalpur ...	2.73	3 $\frac{1}{2}$	4	
	Tangail ...	(n)	(n)	4 $\frac{1}{2}$	
	Netrakona ...	4.04	3 $\frac{1}{2}$	3 $\frac{1}{2}$	
	Kishorganj...	12.64	3 $\frac{1}{2}$	4	
23	FARIDPUR ...	4.45	3 $\frac{1}{2}$	4 $\frac{1}{2}$	Weather is favourable to the standing crops. Harvesting of jute is progressing. Insufficiency of stock is reported from Gopalganj. The prices are rising. Fodder is available.
	Goalundo ...	3.61	4 $\frac{1}{2}$	5 $\frac{1}{2}$	
	Madaripur ...	1.36	4	4 $\frac{1}{2}$	
	Gopalganj†...	1.66	4	4 $\frac{1}{2}$	
24	BAKARGANJ (BARISAL).	2.30	3 $\frac{1}{2}$	{ 4 $\frac{1}{2}$ 5 $\frac{1}{2}$ }	Prospects of jute are good and those of other crops fair. Weather is favourable to jute. No damage done to the crop. Harvesting is nearly finished. Fodder is sufficient.
	Pirojpur ...	1.88	3 $\frac{1}{2}$	{ 4 $\frac{1}{2}$ 5 $\frac{1}{2}$ }	
	Patuakhali...	5.94	3 $\frac{1}{2}$	{ 4 $\frac{1}{2}$ 5 $\frac{1}{2}$ }	
	Dakshin Shabazpur (Bhola).	6.88	3 $\frac{1}{2}$	(n)	

* Munshiganj being very near to Dacca and Narayanganj, its rainfall statistics are not quoted. To give information regarding the northern part of the district rainfall figures for Kapasia thana are reported here.

† The rainfall at Haridaspur, which is very near to Gopalganj, is shown here.

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1	2	3	4	5	6
25	CHITTAGONG	Inches			
		6.79	4 $\frac{1}{2}$	4 $\frac{1}{2}$	Prospects of standing crops are good. Cultivation of <i>aman</i> paddy is going on. Harvesting of <i>aus</i> crop is progressing. <i>Panga</i> salt is selling at 9 seers per rupee both at Sadar and Cox's Bazar. Fodder is sufficient.
	Cox's Bazar	7.70	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
26	TIPPERA (COMILLA).	7.79	4 $\frac{1}{2}$	4	The prospects of <i>aus</i> paddy are fair and those of jute are good. Harvesting of jute and <i>aus</i> paddy is going on. Recent rainfall has been favourable to transplantation in general and to the growth of <i>barshali</i> paddy in Brahmanbaria subdivision: 145 men and 9 children worked daily on an average for eradicating water hyacinth in Brahmanbaria subdivision. The price of rice is very high and that of jute is falling.
	Brahmanbaria	4.71	4	3 $\frac{3}{4}$	
	Chandpur ...	4.34	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
27	NOAKHALI ...	4.76	3 $\frac{1}{2}$	4 $\frac{1}{2}$	Weather seasonable. Prospects of standing crops are good. Transplantation of <i>aman</i> paddy. Prospects of jute and effects of weather on its growth are fair in Sadar and good in Feni subdivision. Harvesting continues. Fodder sufficient.
	Feni ...	2.97	{ 3 $\frac{1}{2}$ 4 $\frac{7}{16}$	3 $\frac{1}{2}$ 4 $\frac{7}{16}$	
28	CHITTAGONG HILL TRACTS.	5.38	5	5	Prospects of <i>jhum</i> crops are good. Rainfall is insufficient for high land paddy. Fodder is sufficient.

* Aus rice.

J. C. ROY,
for Director of Agriculture, Bengal.

DACCA, the 1st September 1919.

SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPT. 3, 1919. 1001

*List of prices of articles of food in Calcutta for the week ending
Saturday, the 30th August 1919.*

Names of Articles.	WHOLESALE PRICE PER MAUND.		RETAIL PRICE PER SEER.	
	From—	To—	From—	To—
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Rice—				
Balam, coarse	0 4 6	.....
" medium	0 4 9	.....
Patnai, coarse	...	10 0 0	10 4 0	0 4 0
" medium	...	10 6 0	10 12 0	0 4 3
Nagra, coarse	...	10 0 0	10 4 0	0 4 3
" medium	...	10 8 0	11 0 0	0 4 6
Dudhkalma	...	10 10 0	11 0 0	0 4 3
Rangoon Boiled	0 3 0	0 4 0
Kajla	...	8 8 0	.....	0 4 0
Wheat, Dudhia	...	8 10 0	.....	.....
" Gangajali
" Jamali	...	7 6 0	7 12 0	.....
Gram, Patnai (whole)	...	7 7 0	7 8 0	0 3 0
" dal	...	8 8 0	9 0 0	0 3 9
Mung " (Hari)	12 0 0	12 8 0	0 5 0
" " (Krishna)	...	11 8 0	12 0 0	0 4 0
Arhar "	...	8 0 0	11 8 0	0 4 0
Masur " (split)	7 4 0	8 8 0	0 3 0
" " (Khanri)...	...	9 8 0	10 8 0	0 3 6
Kalai "	...	8 0 0	9 0 0	0 3 6
Salt	...	3 3 0	3 6 0	0 1 6
Sugar (Brown Java)	...	17 4 0	.....	0 8 0
Gur, Bheli
" Bhursut	...	9 8 0	9 12 0	.....
Milk	...	10 0 0	12 0 0	0 5 0
Mustard oil	...	35 0 0	40 8 0	1 0 0
Flour, country	...	9 10 0	10 10 0	0 3 6
Atta, No. 3 "	...	7 14 0	.....	0 4 6
" 2½ "	...	8 2 0	.....	0 5 0
" " B	...	10 12 0	.....	0 5 0
Suji	...	9 12 0	11 0 0	0 4 6
Ghee (Bhadwa, Matki, etc.)	...	90 0 0	91 0 0	2 6 0
" (Patiram, Khurja, Ruto, Etwa, better kind, etc.)	85 0 0	86 0 0	2 4 0	.....
" (Lalli, Etwa, Sagar, etc.)...	80 0 0	81 0 0	2 2 0	.....
Maize	...	5 8 0	6 0 0	.....
Potato	...	6 4 0	7 8 0	0 3 0
Patal	...	4 12 0	5 8 0	0 2 6
Brinjal	...	4 12 0	5 0 0	0 2 0
Onion	...	3 12 0	4 6 0	0 1 9
Fish, Rahu	...	28 0 0	32 0 0	0 10 0
Mutton (2nd class)	0 10 0	.....
Beef (2nd and 3rd classes)	0 3 0	0 5 0

N.B.—This is an abstract of prices at the following markets :—

Wholesale.—Chetla Hât, Ramkrishnapur Hât, Sealdah Fish and Milk Markets, Posta Bazar.

Retail.—Sir Stuart Hogg Market, Orphanganj Market, Sobha Bazar, Nutan Bazar, Raja Babu's Bazar, Bow Bazar, Jogy Babu's Bazar.

S. C. ROY,
for President, Advisory Food Committee.

CALCUTTA, the 1st September 1919.

DEPARTMENT OF STATISTICS, INDIA.

CALCUTTA TRADE FLUCTUATIONS.

THE following tables are intended to show the trade by all routes, *i.e.*, by rail, river, canal, road, and sea, of the Calcutta block* in certain selected articles during the months of April to June, 1919, as compared with the corresponding period of 1918 and 1917. The statistics have been compiled from returns furnished by the Collector of Customs, Calcutta, Railway Audit Offices, Steamer Companies, the Commissioners for the Port of Calcutta, the Collectors of the 24-Parganas and Howrah, and the Assistant Engineer, Calcutta Canals.

General Summary.

Imports.—The imports of rice, including paddy†, into Calcutta* by rail, river, canal, road, and sea (coastwise) during the months of April to June, 1919, amounted to 6,212,000 maunds, as against 3,290,000 maunds in the corresponding period of the preceding year,—an increase of 89 per cent. There was an increase (39 per cent) in the imports of coal and coke (26,002,000 maunds as against 18,713,000 maunds last year). The value of the imports by rail, river, road, and sea (coastwise) of Indian cotton piecegoods showed an increase of 95 per cent, the total value amounting to Rs. 2,09,76,000 as against Rs. 1,07,66,000 in 1918. The quantity of indigo imported during the months of April to June, 1919, decreased by 3,527 maunds to 398 maunds. The imports of raw jute amounted to 651,000 bales as against 975,000 bales,—a decrease of 33 per cent. The importations of gunny bags also showed a decrease of 17 per cent (85 million bags as against 102 millions in the preceding year). The total imports of oilseeds (linseed and rape and mustard seed) increased by 62 per cent from 1,615,000 maunds to 2,615,000 maunds. The imports of tea decreased by 11 per cent from 511,000 maunds to 456,000 maunds.

Exports.—The exports of cotton piecegoods, foreign, from Calcutta* by all routes during the months of April to June, 1919, increased by 12 per cent (Rs. 7,32,50,000 as against Rs. 6,52,68,000 last year). The exports of gunny bags (including the exports by sea to foreign countries) decreased from 299 million bags to 267 million bags, but the shipments of gunny bags to other Indian ports increased from 9 millions to 11 millions in number in the period under review. The quantity of kerosene oil despatched from Calcutta and Budge-Budge by internal routes and by sea (coastwise) increased from 1,193,000 maunds to 1,277,000 maunds, or by 7 per cent.

* The Calcutta block consists of the town of Calcutta with Howrah and Kidderpore Docks.

† One maund of paddy is equivalent to 25 seers of rice.

SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPT. 3, 1919. 1003

TABLE I

Trade of Calcutta in certain selected articles in the three months, April to June, 1919, compared with the corresponding months of 1918.

	IMPORTS		EXPORTS	
	BY RAIL, ROAD, RIVER, CANAL AND SEA (COASTWISE) (a)		BY SEA (FOREIGN AND COASTWISE)	
	April to June, 1919	April to June, 1918	April to June, 1919	April to June, 1918
Food-grains—				
Rice Mds	8,487,218	2,928,692	1,117,111	1,835,169
Paddy "	1,207,106	586,608	109,894	...
Total (in rice) (b)	8,211,684	2,920,300	1,185,170	1,835,169
Wheat "	669,020	1,810,641	82,456	98,903
Wheat flour "	30,008	10,664	113,938	100,416
Gram and pulse "	1,608,570	1,761,280	479,508	405,926
Other food-grains "	384,303	182,840	19,880	16,197
Total food-grains "	8,983,460	7,006,893	1,830,396	2,001,288
Cowdung Coke "	26,001,678	18,712,778	2,315,280	707,863
Cotton, raw Bales	65,288	38,174	24,400	6,868
" twist and yarn, Indian Mds	71,747	76,737	53,361	31,080
" piece goods, Indian Rs	2,09,76,014	1,07,85,682	4,04,461	2,90,570
Indigo Mds	398	3,926	9,634	10,586
Jute, raw Bales	651,209	975,448	467,407	515,397
" gunny bags No	25,185,679	101,679,527	235,347,862	265,487,564
Lac Mds	181,916	181,651	116,368	101,358
Oilseeds—Linseed "	1,760,180	657,620	1,082,008	217,809
" Rape and mustard "	874,498	957,419	9,469	84,908
Silk, raw "	417	156	1,846	981
Sugar—Refined "	16,764	62,892	49,198	4,610
" Unrefined "	151,500	146,083	307	119
Tea (India) "	456,737	511,892	632,749	702,426
Tobacco—unmanufactured "	375,044	301,689	64,807	16,354
" manufactured "	14,972	21,726	2,601	1,406
IMPORTS.				
BY SEA (FOREIGN AND COASTWISE) (d)		BY RAIL, ROAD, RIVER, CANAL, AND SEA (COASTWISE)		
	April to June, 1919	April to June, 1918	April to June, 1919	April to June, 1918
Cotton twist and yarn—foreign Mds	8,571	25,240	69,413	55,842
" " " —Indian "	7,023	65	135,287	94,664
" piece goods—foreign Rs	8,18,50,465	6,08,06,498	7,52,40,961	6,82,68,250
" " " —Indian "	5,69,906	8,960	1,67,79,905	50,81,695
Kerosene oil (e) Mds	1,285,711	1,807,974	1,376,544	1,192,828
Salt "	1,268,148	2,140,918	2,825,972	2,089,768
Gunny bags No	.....	.....	20,329,718	30,928,082

(a) The imports by sea are coastwise imports from other Indian ports only.

(b) One mauld of paddy is equivalent to 25 maors of rice.

(c) Including figures of Budge-Budge trade.

(d) The imports by sea include imports from other Indian ports together with imports from foreign countries.

TABLE

Imports of Principal Articles Into the Calcutta Trade Block by Rail, Road, River,

Whence imported	FOOD-GRAINS										Coal and coke	Cotton raw	Cotton twist and yarn, Indian (b)	Cotton piece goods, Indian (b) (c)				
	Rice and paddy			Wheat	Wheat flour	Gram and pulse	Other food-grains	Total	Mds	Bales of 400 lbs								
	Rice	Paddy (a)	Total (in rice)															
BENGAL	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Rs.					
Burdwan	87,375	186,280	186,910	.....	2	2,469	90	187,401	10,281,860	9	8	1,030					
Birbhum	74,010	1,035	74,697	.....	18	.....	.....	74,715	.....	9	.....	1,380		
Bankura	1,995	30,825	31,827	2	.....	.....	.....	31,829	.....	4	.....	4,000		
Midnapur	523,680	8,675	530,815	.....	.....	10,214	.....	540,029	.....	103	1,162	1,00,884		
Hooghly	818,269	186,628	904,918	409	817	11,875	181	918,414	16,700	11	9,856	2,32,904						
Jalpaiguri	742,964	330,136	954,918	405	22	7,141	1,025	958,511	29,682	608	9,019	1,66,000						
Nadia	28,040	32,850	59,890	18,654	4,000	222,655	18,972	222,307	.....	226	9	18,044					
Murshidabad	35,207	273	35,375	8,797	805	54,165	6,704	94,550	.....	7	.....	1,380				
Jessore	59,021	39,450	88,483	307	68	106,670	363	190,086	.....	369	9	600					
Khulna	130,016	220,522	350,541	668	.....	16,683	314	398,905	.....	161	.....	.....				
Rajshahi	2,068	109	2,186	11,038	998	82,683	.....	86,881	.....	3	.....	4,480			
Dinajpur	23,047	23,969	44,991	.....	.....	1,926	867	46,586	.....	18	.....	100		
Jaiparguri	497	1,405	1,422	.....	.....	.....	.....	1,422	.....	.....	8	600		
Darjeeling	448	1,530	1,408	.....	.....	8	.....	1,411	.....	.....	.....	100		
Rangpur	8,377	8,832	7,672	8,172	0	4,341	1,053	21,043	.....	139	.....	900				
Bogra	8,846	48,198	56,039	32	.....	1,576	665	58,116	.....	30	.....	.....				
Pabna	3,392	.....	3,383	26,581	1,377	102,946	406	134,724	.....	8	7	28	640			
Maitai	702	.....	702	5,707	1,193	6,661	8,371	19,834	.....	.....	16	.....	.....			
Cooch Behar	417	.....	417	317	190	295	.....	1,226	.....	.....	.....	.....	.....
Dacca	6,827	1	6,828	1,048	86	21,819	7,845	37,794	.....	8,098	78	4,380					
Mymensingh	930	.....	930	457	.....	8,522	9,992	19,861	.....	427	28	3,060			
Fazidpur	18,064	3,556	14,806	12,483	681	86,890	3,617	117,968	.....	262	7	.....					
Bakarganj	547,725	1,032	548,350	.....	.....	2,002	.....	551,352	.....	1	21	400		
Tippore (including Hill Tippore)	8,465	997	3,670	.....	.....	695	4,196	.....	.....	.....	.....	.....	
Noakhali	3	.....	3	.....	.....	783	.....	786	.....	.....	.....	1,000		
Chittagong	80,889	.....	80,859	.....	.....	8,634	.....	86,893	.....	3,314	.....	.....				
Chittagong Port	294	.....	294	.....	.....	.....	.....	281	.....	.....	.....	.....		
Total of Bengal	3,493,065	1,071,692	3,162,873	87,057	9,307	737,882	69,795	4,050,818	10,298,143	14,789	19,755	6,70,660						
OTHER PROVINCES AND PLACES																		
Bihar and Orissa	1,790	2,800	3,602	43,264	395	543,579	95,972	665,882	15,700,265	228	300	53,100						
Assam	136,866	132,609	210,384	636	34	4,580	184	234,688	3,263	3	18	3,385						
U. P. of Agra and Oudh	650	.....	650	524,969	9,329	188,617	8,306	231,771	.....	3,882	326	2,43,70				
Punjab	496	.....	496	2,826	1,842	54,675	.....	63,711	.....	3,425	165	5,884			
Sind and British Baluchistan	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Central Provinces and Bihar	6	6	6	.....	.....	513	135	482	.....	22,310	12,083	6,57,344			
Bombay	.....	.....	.....	1	47	.....	46	8	3,428	28,947	1,64,06,437			
Madras	.....	.....	.....	2,620	.....	12,303	4	15,731	.....	8,174	6,849	19,07,517		
Burma	2,624,164	.....	2,624,164	653	.....	255,705	195,304	3,300,046	.....	722	.....	.....				
Rajputana and Central India	260	.....	260	.....	.....	444	704	.....	.....	.....	.....	1,50,50		
Nizam's Territory	.....	.....	.....	.....	.....	.....	.....	.....	.....	481	.....	24,000		
Mysore	.....	.....	.....	.....	.....	1,100	1,169	.....	.....	1,178	2,71,100			
1919	5,457,213	1,207,106	6,211,664	663,020	20,606	1,803,870	284,503	8,882,465	26,001,673	65,389	66,794	2,04,06,70						
GRAND TOTAL 1918	2,932,682	586,618	3,290,305	1,810,641	10,664	1,761,380	182,640	7,005,698	16,712,773	28,174	72,682	1,07,54,70						
1917	1,811,107	549,070	2,154,291	1,962,679	64,602	1,591,319	184,390	7,307,071	25,422,846	63,626	119,350	86,54,677						

(a) One maund of paddy is equivalent to 25 seers of rice.

(b) Excluding trade by sea (coastwise).

(c) The value rates are fixed quarterly, and the monthly valuation is made at the value rates of the preceding quarter.

II.

Canal, and Sea (Coastwise) In the three months, April to June, 1919.

Indigo	JUTE			OILSEEDS			SUGAR			TOBACCO			Whence Imported	
	Raw(d)	Gunny-bags(e)	Lac	Linseed	Rapo and mustard	Silk, raw	Refined	Un-refined	Tea, Indian	Unmanufactured	Manufactured			
										Mds	Mds			
	Mds	Bales of 400 lbs 119	No	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	BENGAL		
		20,135	4	529	399	.....	.....	1	4	9	18	Jardwan
		8,584	88	275	1,446	.....	.....	5	.....	.....	.....	Birbhum
		4,285	37	.....	.....	.....	.....	.....	.....	66	23	Bankura
		888	20,716	416	480	7	.....	21,874	.....	38	.....	Midnapur
		10,388	24,193,696	488	778	.....	9	29,001	.....	7,400	849	Hooghly
		27,916	60,287,326	812	2,617	.....	6,014	12,340	1	3,187	1,062	24-Parganas	
		8,393	9,396	10,417	1,116	69	214	5,393	.....	6,596	2	Nadia	
		2,985	1,371	426	9,417	214	191	.....	.....	241	1,487	Murshidabad
		1,198	7,308	.....	1,268	2,264	.....	49,891	.....	1982	32	Jemora
		2,648	8,458	.....	806	678	.....	600	.....	.....	.....	Khulna
		4,702	249	.....	11,972	619	.....	.....	.....	.....	2	Rajahmundry
		5,186	16,612	.....	576	.....	.....	8	.....	4	.....	Dinajpur
		26,237	1,476	18	2,899	.....	.....	188,632	141,559	3	.....	Jalpaiguri
		2,281	4,169	418	523	1	55,626	2,677	15	Darjeeling	
		53,856	8,782	.....	4,863	160	.....	.....	.....	53,826	6	Bangpur
		14,099	1,845	.....	2,267	1,176	.....	3	3	.....	.....	Bogra
		16,230	4,715	.....	71,053	6,586	.....	.....	.....	87	.....	Pabna
		1,788	389	18	1,457	274	60	.....	.....	.....	.....	Malda
		13,203	779	.....	.....	217	.....	.....	.....	18,280	.....	Cooch Behar
		205,810	9,371	.....	1,568	1,981	.....	49	.....	16	4	Dacca
		92,627	2,091	.....	586	2,972	.....	18	.....	117	7	Mymensingh
		16,490	1,723	.....	2,175	7,054	.....	36	.....	91	18	Faridpur
		1,188	4,387	.....	806	189	.....	.....	.....	.....	.....	Bakarganj
		28,799	62	.....	188	684	.....	.....	29	.....	.....	Tippera (including Hill Tippera)
		.....	9,280	.....	1,323	.....	.....	.....	.....	.....	.....	Noakhali
		.....	2,039	.....	.....	.....	.....	.....	1,031	.....	.....	Chittagong
		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Chittagong Port
		587,620	84,711,495	506	71,986	36,524	316	6,286	112,671	187,940	235,158	4,072	Total of Bengal	
													OTHER PROVINCES AND PLACES	
		210	61,691	81,140	78,617	1,036,029	65,691	884	15,405	1,332	106,487	9,438	Bihar and Orissa
			61,098	26,368	9,917	61,543	48,180	101	1	2	268,112	13	Assam
			188	264,346	28,598	801,176	544,689	1,356	6,573	205	364	234	U. P. of Agra and Oudh
			47,333	116,922	17	11	3	Punjab	
			1,107	6,405	6	7	Sind and British Baluchistan.	
			17,916	8,290	59,843	2,159	16	27	771	Central Provinces and Berar	
			18,068	45,907	634	67	4,453	72	Bombay	
			945	188	800	1,183	7,613	16,296	44	18,601	179	Madras	
			1,200	8,214	1,453	6	10,771	375	Burma	
			21,935	765	9,814	10,029	90	6	Barputana and Central India.	
			Nizam's Territory	
			Myanmar	
		804	(f) 681,399	85,185,679	181,915	1,740,180	874,498	417	16,764	181,800	465,737	378,046	14,972	1912
		2,023	975,448	101,673,627	181,681	657,629	957,419	186	65,593	164,062	511,293	201,699	21,736	1916
		639	480,806	113,406,938	187,788	635,816	3,146,448	303	76,694	120,373	412,386	979,176	17,749	1917

(d) Excludes imports into the mills outside the Calcutta block, which are 372,600 bales, but includes imports into the Kidderpore Docks, namely, 18,691 bales.

(e) Including gunny cloth. 3 yards of cloth = 1 bag.

(f) Of this 279,620 bales came by rail, 349,978 bales by river, 8,948 bales by road, and 12,639 bales by sea.

TABLE III

Statement of the Routes by which the Articles enumerated in Table No. II were Imported into the Calcutta Trade Block in the three months, April to June, 1919.

Routes	FOOD-GRAINS						Coal and coke	Cotton, raw	Cotton twist and yarn, Indian (b)	Cotton piece goods, Indian (b) (c)	Indigo
	Rice	Paddy (a)	Wheat	Wheat flour	Gram and pulse	Other food-grains					
	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Bales of 400 lbs	Mds	Rs	Mds
By rail								6,480	928	8,89,921	186
E. L. Railway...	166,829	188,419	408,614	11,271	679,008	89,133	18,714,447	1,077	120	1,21,667	96
E. B. Railway (including E. C. Railway)	561,990	385,504	77,506	8,866	549,021	30,375	1,595,647				
A.-B. Railway...	1,986	81	.....	...	831	....	....	....	7	1,280	R.
B.-N. Railway...	120,804	35,509	1	...	23,577	1,803	5,647,729	89,214	48,232	1,91,924	...
B. & N.W. Railway...	895	.....	157,018	1	106,583	24,583	....	18	11	1,760	116
D.-S. Railway...	....	....	....	...	....	....	....	....	....	....	...
Kalighat-Fulta Railway	60,650	41,530	.....	...	....	....	....	....	....	....	...
Howrah-Amta and Howrah-Sealkhola Light Railways	26,220	2,663	.....	17	2	....	....	....	....	9,920	...
" river steamer											
Bengal ...	211,539	7,956	7,644	86	32,061	30,115	....	18,216	152	1,05,653	...
Bihar and Orissa	5	3,500	3,500	...	18,593	2,867	....	34	....	....	...
Assam ...	41,427	91,784	536	30	101	184	3,263	3	6	1,785	...
U. P. of Agra and Oudh	....	....	81	14	612	....	....	4	....	....	...
boat	1,353,694	546,278	4,791	292	128,497	1,237	1,052	1,137	15,237	1,68,000	...
road	187,526	10,782	.....	...	1,268	....	86,435	298	2,127	2,16,289	...
sea	2,824,192	.....	5,878	1	279,032	135,304	....	4,917	....	....	...
Total	1919	5,457,218	1,307,106	665,020	20,608	1,808,870	284,803	26,001,678	61,285	64,724	2,04,06,708
	1918	2,923,682	586,696	1,810,641	10,864	1,761,350	129,840	26,712,773	32,174	76,662	1,07,56,702
	1917	3,811,107	640,879	3,263,679	66,603	1,591,316	154,300	25,442,516	65,606	110,560	85,22,873
											65

Routes	JUTE		- Lac	OILSEEDS		Silk, raw	SUGAR		Tea, Indian	TOBACCO	
	Raw (d)	Gunny bags (e)		Linseed	Rape and mustard		Refined	Unrefined		Unmanufactured	Manufactured
	Bales of 400 lbs	No.	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds
By rail											
E. J. Railway...	10,285	884,211	59,964	492,953	634,871	....	340	11,864	325	1,872	8,297
E. B. Railway (including E. C. Railway)	263,899	161,622	5,707	65,596	36,224	269	....	37,020	200,612	817,999	1,478
A.-B. Railway...	....	10,557	285	5,827	....	....	1	....	70,326	....	....
B.-N. Railway	637	94,489	54,792	52,420	8,968	....	8,086	10,691	1,192	14,614	891
B. and N.W. Railway	4,780	5,856	....	1,088,868	147,616	....	1,168	9,319	57	18,668	2
D.-S. Railway	....	....	....	....	....	....	....	....	89,360	....	....
Kalighat-Fulta Railway	....	....	....	....	....	....	....	....	....	....	....
Howrah-Amta and Howrah-Sealkhola Light Railways	205	13,302	....	28	....	....	8	270	....	1	7
" river steamer											
Bengal ...	270,398	51,693	....	7,408	6,669	7	40	2,686	1,643	185	53
Bihar and Orissa	59	1,066	....	....	2,286	....	6	....	....	8,029	6,407
Assam ...	58,635	5,207	3,006	55,665	31,813	61	....	2	142,107	....	10
U. P. of Agra and Oudh	....	387	....	....	926	....	490	....	....	85	36
boat	46,464	83,948,734	....	8,381	5,315	....	281	62,480	1	8,234	....
road	5,949	805,030	....	64	....	....	5,648	14,630	....	2,674	2,300
sea	12,559	10,720	6,214	....	815	....	490	1,453	44	10,873	286
Total	1919	651,299	86,166,679	181,916	1,740,180	874,498	417	16,764	351,000	455,737	873,044
	1918	972,449	101,672,627	181,651	657,699	98,419	185	62,592	164,063	511,822	301,680
	1917	480,856	118,406,983	187,768	605,515	1,146,448	902	76,694	180,573	413,325	270,175
											17,749

(a) One māund of paddy is equivalent to 36 seers of rice.

(b) Excluding trade by sea (coastwise).

(c) The value rates are fixed quarterly, and the monthly valuation is made at the value rates of the preceding quarter.

(d) Excludes imports into the mills-outside the Calcutta block, which are 872,490 bales, but includes imports into the Kidderpore Docks, namely, 18,894 bales.

(e) Including gunny-cloth, 2 yards of cloth=1 bag.

TABLE IV

Imports of certain Articles into the Port of Calcutta by Sea (Foreign and Coastwise) in the three months, April to June, 1919.

	COTTON TWIST AND YARN		COTTON PIECE-GOODS		Kerosene oil	Salt
	Foreign	Indian	Foreign	Indian		
FOREIGN—						
From United Kingdom ...	3,782	.....	2,41,06,675	.....	5	277,349
" Other countries ...	1,650	.....	61,02,388	.....	594,118	900,000
Total ...	5,432	.....	2,42,16,063	.....	594,118	1,277,349
COASTWISE—						
From British Ports in—						
Bihar and Orissa ...	14	.....	.....	.....	.....	.....
Bombay ...	1,002	6,816	2,06,965	6,34,041	.....	.....
Madras ...	.....	148	6,000	6,865	.....	.....
Burma ...	162	61	14,10,967	39,400	691,592	.....
Total ...	1,169	7,028	16,34,933	6,69,306	691,592	.....
GRAND TOTAL ...	1919	6,671	2,18,50,465	8,69,306	1,295,711	1,278,144
	1918	35,240	65	6,06,01,495	8,960	1,207,974
	1917	19,961	146	5,73,41,377	4,000	1,206,831

TABLE V

Exports of Principal Articles from the Port of Calcutta by Sea (Coastwise and to Foreign Countries) in the three months, April to June, 1919.

	FOOD-GRAINS								Coal and coke	Cotton, raw	Cotton twist and yarn, Indian	Cotton, jute, India
	Rice	Paddy (a)	Total (in rice)	Wheat	Wheat flour	Gram and pulse	Other food-grain	Total				
Coastwise—	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Bales of 400 lbs	Mds	Rs
To British Ports (b)												
Bengal ...	260	.....	260	.....	86	86	.....	310	.....	11	317	6,730
Bihar and Orissa	14,106	28,000	32,536	273	1,036	2,383	.....	32,917	.....	.....	1,198	.....
Madras ...	509,047	69,804	611,075	4,436	524	584,610	50	906,195	.....	.....	49	.....
Burma ...	8,745	.....	8,745	24,927	96,986	66,218	11,735	200,011	232,241	102	41,939	3,08,810
Total ...	676,137	105,894	644,196	39,635	97,072	360,146	11,786	1,143,783	262,341	173	43,783	3,08,840
Foreign—												
To United Kingdom	0	.....	0	80	.....	3,919	.....	8,004	2,014	1,512	.....	.....
,, Other countries	840,969	.....	840,969	2,741	15,866	116,829	8,054	693,659	2,089,034	22,715	9,828	14,421
Total ...	840,969	.....	840,969	2,741	15,866	116,829	8,054	693,659	2,089,034	22,715	9,828	14,421
1919 ...	1,117,111	108,894	1,125,170	89,486	113,685	479,308	19,639	1,880,396	2,813,389	34,400	33,861	4,04,461
GRAND TOTAL 1918 ...	1,628,169	.....	1,528,169	28,603	109,416	405,096	16,127	2,091,235	207,663	6,668	21,950	2,90,570
1917 ...	905,103	.....	295,103	29,816	255,049	252,462	13,787	736,307	6,995,277	21,863	80,906	13,40,828

	JUTE			OILSEEDS			SUGAR			TOBACCO		
	Indigo	Raw	Gunny bags (b)	Lac	Linseed	rape and mustard	Silk, raw	Refined	Un-refined	Tea, Indian	Un-manufactured	Manufactured
Coastwise—	Mds	Bales of 400 lbs	No	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds
To British Ports (b)												
Bengal ...	....	....	632	....	....	....	....	1,096	17	3	86	97
Bihar and Orissa	....	....	4,700	....	....	136	....	466	....	....	708	89
Madras ...	161	0	96,000	105	....	1,264	....	30,419	....	....	....	....
Burma ...	....	107	10,748,268	163	....	2,091	....	11,498	286	2,640	23,951	1,021
Total ...	161	116	10,656,801	247	....	4,351	....	43,478	303	3,642	24,745	1,107
Foreign—												
To United Kingdom	1,172	236,316	94,370,300	20,764	763,393	....	836	3	....	887,197	8,683	17
,, Other countries	1,531	200,973	193,020,551	84,548	320,816	4,008	312	8,718	4	41,000	11,200	1,477
Total ...	3,603	467,291	287,497,851	115,316	1,092,008	3,008	1,846	8,730	4	629,107	10,762	1,496
1919 ...	2,594	457,407	288,347,552	115,308	1,093,006	3,069	1,348	39,198	507	622,749	44,507	2,601
GRAND TOTAL 1918 ...	10,586	512,387	968,457,554	101,853	217,009	84,008	981	1,018	119	705,495	16,394	1,408
1917 ...	10,189	360,370	323,271,290	121,610	963,687	61,304	664	993	774	516,521	83,026	1,630

(a) One mānūd of paddy is equivalent to 35 seers of rice.

(b) Including gunny cloth, 2 yards of cloth = 1 bag.

TABLE VI

*Exports of certain Articles from the Calcutta Trade Block by rail,
road, river, canal, and sea (coastwise) in the three months,
April to June, 1919.*

Whether exported	COTTON TWIST & TARN		COTTON PINDOOGHS*		GUNNY baggs	KEROSENE OIL		SALT
	Foreign	Indian	Foreign	Indian		From Calcutta block	From Budge- Budge	
BENGAL								
Burdwan	99	1,000	14,16,074	96,640	845,107	11,378
Birbhum	77	4,834	8,21,800	64,000	1,23,411	72
Bankura	97	2,531	9,69,962	800	70,320	36
Midnapur	8,102	4,711	17,19,839	1,17,260	181,111	8,612
Ranaghat	2,074	184	4,36,186	51,650	58,381	19,861
S. Parganas	806	924	2,50,303	1,34,098	424,017	24,637
Nadia	1,030	11,581	28,12,770	2,97,780	659,824	1,368
Murshidabad	96	3,665	16,72,628	1,11,680	219,362	303
Jemnor	764	1,005	7,08,331	1,60,280	168,691	1,859
Khulna	1,114	448	8,62,187	1,94,880	117,465	2,341
Rajshahi	84	288	12,87,288	1,51,300	105,780	1,001
Dinajpur	763	11,59,079	8,03,600	163,345	613
Jalpaiguri	19	1,768	12,58,990	8,03,900	107,461	353
Darjeeling	271	840	12,08,990	83,820	89,098	286
Rangpur	260	1,193	26,86,086	4,03,440	101,126	13
Bogra	16	619	18,48,823	9,07,360	97,324	180
Ukhrail	2,032	2,910	14,01,280	6,28,200	169,736	78
Maldia	30	1,719	6,13,000	1,74,400	87,586	...
Cooch Behar	2	188	7,32,027	42,720	72,950	108
Dacca	6,098	1,716	29,10,507	5,15,088	87,948	873
Mymensingh	2,180	1,208	17,36,382	16,78,351	81,693	166
Faridpur	4,646	1793	8,74,022	8,18,360	130,009	2,492
Bakerganj	8,766	81	6,90,517	6,76,860	170,177	719
Tippera (including Hill Tippera)	...	1,702	8,196	16,70,551	40,823	81,826	25	...
Noakhali	1,149	8,364	5,20,360	1,33,920	19,106	93
Chittagong	3,810	129	1,96,543	1,19,680	153,873	92
Chittagong Port	28	268	9,16,222	9,03,720	4,846	...
Total of Bengal	...	36,026	59,593	3,19,30,366	81,74,126	8,418,831	80,246	363,224
OTHER PROVINCES AND PLACES								
Bihar and Orissa	...	4,848	31,658	1,63,03,653	63,13,731	4,291,814	2,904	298,651
Assam	...	8,245	8,946	61,04,214	10,84,631	608,540	8,465	7,693
U. P. of Agra and Oudh	...	691	1,063	93,75,267	19,86,730	5,158,772	948	263,063
Punjab	...	1,089	445	84,10,204	1,10,814	5,916,177	14	19,020
Sind and British Baluchistan	1,06,750	...	1,879,486	...	...
Central Provinces and Berar	...	7	288	8,37,088	60,126	780,847	493	4,468
Bombay	...	53	124	7,89,380	2,40	2,995,608	268	176
Madras	...	1,079	2,703	8,04,207	8,12,290	2,057,687	3,126	...
Burma	...	4,907	41,920	16,46,629	2,88,810	10,745,308	...	14
Hajarpur and Central India	...	88	168	4,91,387	30,860	813,612	999	15,310
Kashmir State	1,388	...	...	...	...
Nizam's Territory	8	1,60,631	980	103,110	3,730	...
Mysore	8,591	...	142,164	...	...
Port Blair	547	6,500	6,720	633	...	...
1919	...	93,612	135,387	7,33,40,953	1,67,79,005	39,829,795	56,421	1,181,123
GRAND TOTAL 1919	...	86,612	94,664	6,92,68,390	59,91,695	38,938,082	78,161	1,114,467
1917	...	49,349	113,040	6,41,69,374	68,35,865	25,516,682	107,336	1,323,376

* The value rates are fixed quarterly, and the monthly valuation is made at the value rates of the preceding quarter.

† Including gunny cloth. 2 yards of cloth = 1 maund.

‡ The exports of kerosene oil from Budhr-Budge to Calcutta in the three months of April to June 1919, were 162,491, maunds as against 260,513 maunds and 310,041 maunds in the corresponding periods of 1918 and 1917, respectively.

TABLE VII

Statement of the Routes by which the Articles enumerated in Table No. VI were exported from the Calcutta Trade Block in the three months, April to June, 1919

Routes.	COTTON TWIST AND YARN		COTTON PIECE-GOODS*		GUNNY- BAGS†	KEROSENE OIL		SALT	
	Foreign	Indian	Foreign	Indian		From Calcutta Block	From Budge- Budge		
K. I. Railway	2,925	20,630	1,69,74,768	23,03,370	6,484,447	19,000	274,107	439,184	
K. B. Railway (including B.C. Railway)	1,229	51,719	1,84,35,977	50,71,020	2,370,271	10,327	186,611	824,589	
A.-B. Railway	703	7,080	64,74,470	4,49,491	105,739	718	196	49,424	
B.-N. Railway	732	17,704	21,03,668	6,20,624	1,489,694	2,681	400	203,081	
B. & N.W. Railway	68	4,480	1,03,85,236	35,19,654	2,300,522	438	117,970	109,409	
O. R. Railway	212	86	21,62,906	1,58,920	620,904	661	118,276	17	
Howrah-Anta Howrah-Sanktala Light Railways	719	...	1,77,650	...	10,308	4,246	...	11,003	
By rail ...									
N.-W. Railway	247	103	9,48,693	8,180	6,467,914	19	7,396	...	
G. I. P. Railway	69	128	10,82,704	15,011	3,184,060	1,149	4,801	...	
B. R. & C. I. Railway	75	153	8,16,689	9,440	846,518	112	1,588	...	
M. & S. M. Railway	775	1,654	9,04,787	1,36,890	2,003,301	2,318	...	90	
S. I. Railway	...	24	...	3,638	416,037	...	...	...
J. B. Railway	...	9	1,80,450	6,206	76,481	...	488	...	
N. G. S. Railway	...	8	1,62,631	980	96,482	2,780	...	...
Other Railways	34	8	1,51,347	86,783	98,045	898	10,879	6,083	
Bengal ...	29,481	8,306	29,04,216	35,91,839	841,771	1,774	258,462	364,300	
Bihar and Orissa ...	506	430	9,46,060	46,600	1,342,014	8	...	506	
By river steamer									
Assam ...	4,898	1,344	31,00,637	11,00,960	426,036	3,687	3,689	100,004	
U. P. of Agra and Oudh ...	10	8	80,006	9,780	146,370	...	...	...
By boat ...	2,686	...	2,12,780	9,800	101,146	21,994	27,211	320,677	
By road ...	1,587	166	2,01,120	1,02,687	131,343	20,184	3,784	60,874	
By sea ...	6,126	62,783	17,00,601	2,98,040	10,980,801	...	6,000	3,798	
Total ...	1919	28,618	129,887	7,83,49,988	1,67,79,903	38,829,795	88,491	1,181,138	2,365,689
	1918	58,042	64,664	6,89,85,390	59,81,695	28,988,069	78,161	1,114,467	2,039,798
	1917	68,269	218,966	6,41,69,874	68,36,886	28,516,869	107,886	1,232,976	1,661,661

* The value rates are fixed quarterly and the monthly valuation is made at the value rates of the preceding quarter.
† Including gunny cloth. 3 yards of cloth = 1 bag.

DEPARTMENT OF STATISTICS, INDIA,

G. FINDLAY SHIRRAS.

September 2, 1919.

Director of Statistics.

SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPT. 3, 1919. 1011

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 28th August 1919.

Name of river and place where readings are taken.	Date.	Hour.	Reading on Gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	COMPARED WITH PREVIOUS DAY'S HEIGHT.		Height above P. W. D. Datum on same date 1918—	Remarks.
						Rise.	Fall.		
Monghyr	22nd Aug. 1919	6 A.M. ...	25'37'	101'83'	127'20'	Steady		124'30'	117'70'
Rajmaha	" 22nd "	6 " ...	26'85'	56'319'	83'16'	... | 0'15'		83'16'	76'86'
Gopalpur	" 22nd "	6 " ...	22'50'	...	...	Steady		22'50'	23'10'
Gauhati	" 22nd "	8 A.M. ...	17'40'	148'76'	166'16'	... | 0'80'		169'16'	175'46'
Serajganj	22nd "	6 " ...	35'70'	...	...	Steady		...	...
Dibrugarh	" 22nd "	8 " ...	14'44'	...	...	...		0'10'	...
Bhairab Bazar	22nd "	6 hours ...	14'83'	1'61'	16'44'	...		0'25'	...
Chandpur	" 22nd "	14'30" "	11'00'	1'61'	12'61'	...		0'50'	...
Penchganj	" 22nd "	7 A.M. ...	24'30'	...	...	0'30'		...	...
Dhaleswari	" Sabhar	7 " ...	25'80'	- 8'62'	17'18'	Steady		...	...
Bhagirathi	22nd "	6 " ...	27'54'	1'509'	29'049'	Steady		28'20'	25'24'
Damodar	Edipur	22nd "	6 " ...	12'25'	92'58'	104'83'	2'67'	...	...
Lakhya	Narayanganj	22nd "	6 " ...	20'14'	- 5'59'	14'55'	0'11'	...	...
Madaripur Pil Route	Takerhat	22nd "	6 A.M. ...	12'50'	- 0'599'	11'901'	Steady	...	...

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 28th August 1919.

Name of river and place where readings are taken.

	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	COMPARED WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE IN 1918.	REMARKS.
						Rise.	Fall.		
Ganges	Monghyr	23rd August 1919	6 A.M. ...	25'27'	101'83'	127'10'	... 0'10'	123'80'	118'10'
	Rajmahal	23rd ..	6 ..	26'80'	56'319'	83'119'	... 0'05'	82'86'	76'81'
	Goalundo	23rd ..	8 hours ...	22'50'	...	...	Steady	22'20'	23'20'
Brahmaputra	Gauhati	23rd ..	8 A.M. ...	17'10'	148'76'	163'86'	... 0'30'	168'56'	175'46'
	Serajganj	23rd ..	12 hours ...	25'70'	...	...	Steady	...	...
	Dibrugarh	23rd ..	8 A.M. ...	14'30'	...	...	...	0'10'	...
Meghna	Bhairab Bazar	23rd ..	6 hours ...	14'75'	1'61'	16'36'	... 0'08'	...	...
	Champur	23rd ..	16 ..	11'50'	1'61'	13'11'	0'50'	...	...
	Fenchuganj	23rd ..	7 A.M. ...	24'30'	...	...	0'20'	...	...
Dhaleswari	Salhar	23rd ..	7 ..	25'70'	-8'62'	17'08'	... 0'10'	...	...
Bhagirathi	Swarupganj	23rd ..	6 ..	27'59'	1'509'	29'099'	0'05'	28'03'	25'24'
Damodar	Edilpur	23rd ..	6 ..	11'50'	92'58'	104'08'	... 0'75'	...	...
Lakhya	Narayanganj	23rd ..	..	20'17'	-5'59'	14'58'	0'03'	...	...
Madaripur Bil Ronte	Tukerhat	23rd ..	6 A.M. ...	12'50'	-0'599'	11'901'	Steady	...	...

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 28th August 1919.

Name of river and place where readings are taken.	Date.	Hour.	Reading on Gauge.	Value of zero referred to P.W.D. datum.	Height above P.W.D. datum.	COMPARED WITH PREVIOUS DAY'S HEIGHT.		Height above P.W.D. datum on same date—1918.	Remarks.
						Rise.	Fall.		
Ganges	24th Aug. 1919	6 A.M....	25.27'	101.83'	127.10'	Steady	0.10'	123.20'	119.00'
	"	6	26.70'	56.319'	83.019'			82.46'	77.41'
	"	8 hours...	22.40'	...	...			22.20'	23.50'
Gauhati	24th "	.. . . .	16.60'	148.76'	165.36'	0.50'	0.30'	167.86'	175.36'
	"	12 hours...	35.40'	...	...			...	...
	"	8 A.M....	14.00'	...	...			0.30'	...
Brahmaputra	24th "	.. . . .	6 hours...	14.79'	1.61'	16.40'	0.44'	...	...
	"	17 hours...	12.00'	1.61'	1.61'			0.50'	...
	"	7 A.M....	24.60'	...	...			0.10'	...
Meghna	24th "	.. . . .	25.70'	-8.62'	17.08'	Steady	0.01'	...	...
	"	7	27.60'	1.509'	29.109'			27.83'	25.90'
	"	.. . . .	11.17'	92.58'	103.75'			0.33'	...
Dhaleswari	24th "	.. . . .	20.58'	-5.59'	14.99'	0.41'	0.41'	...	...
	"	6	12.50'	-0.59'	11.901'			Steady	...
	"
Bhagirathi	24th "	.. . . .	.. . . .	.. . . .	.. . . .	0.01'	0.33'	.. . . .	.. . . .
	"
	"
Damodar	24th "	.. . . .	.. . . .	.. . . .	.. . . .	0.41'	0.41'	.. . . .	.. . . .
	"
	"
Lakhyा	24th "	.. . . .	.. . . .	.. . . .	.. . . .	0.41'	0.41'	.. . . .	.. . . .
	"
	"
Madaripur Bil Route	24th "	.. . . .	.. . . .	.. . . .	.. . . .	0.41'	0.41'	.. . . .	.. . . .
	"
	"

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 28th August 1919.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P.W.D. datum.	Height above P.W.D. datum.	COMPARED WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P.W.D. DATED ON SAME DATE IN 1917.	1918.	REMARKS.
						HIGH.	FALL.			
Ganges	25th Aug. 1919	6 A.M. ...	25.27'	101.83'	127.10'	Steady		122.70'	120.20'	
	25th	" ...	6 "	56.319'	82.869'		0.15'	81.71'	78.36'	
	25th	" ...	8 hours ...	22.40'	...	Steady		22.00'	23.60'	
Brahmaputra	25th	" ...	8 A.M. ...	16.10'	148.76'		0.50'	167.36'	175.46'	
	25th	" ...	12 hours ...	35.40'	...	Steady		...	...
	28th	" ...	8 A.M. ...	13.80'	...		0.20'	...	...
Meghna	25th	" ...	6 hours ...	14.83'	1.61'		0.04'	...	...
	25th	" ...	6.30 "	12.00'	1.61'	Steady		13.61'	...	
	25th	" ...	7 A.M. ...	24.75'	...		0.15'	...	...
Dhaleswari	25th	" ...	7 "	25.70'	-8.62'	Steady		17.08'	...	
Bhagirathi	25th	" ...	6 "	27.58'	1.509'		0.02'	29.089	27.71'	
Damodar	25th	" ...	6 "	10.67'	92.58'		0.50'	103.25'	...	
Lakhyा	25th	" ...	6 "	20.85'	-5.59'		0.27'	15.26'	...	
Madaripur Bil Ronte	25th	" ...	6 A.M. ...	12.50'	-0.599'	Steady		11.901'	...	

SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPT. 3, 1919. 1015

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 29th August 1919.

Name of river and place where readings are taken.	Date.	Hour.	Reading on Gauge.	Value of zero referred to P.W.D. datum.	Height above P.W.D. datum.	COMPARED WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P.W.D. DAM ON SAME DATE IN 1918.	Remarks.
						Rise.	Fall.		
Monghyr	26th Aug. 1919	6 A.M.	24.97'	101.83'	126.80'	...	0.30'	122.30'	121.70'
Ganges	26th ,	6 ,	26.50'	56.319'	82.819'	...	0.05'	81.46'	79.71'
Rajnagar	26th ,	8 hours	22.50'	...	...	0.10'	...	21.60'	23.90'
Goalundo	26th ,	8 ,	15.70'	148.76'	164.46'	...	0.40'	167.06'	175.76'
Gauhati	26th ,	8 ,	15.70'	148.76'	164.46'	...	0.40'	167.06'	175.76'
Brahmaputra	26th ,	12 hours	34.90'	...	...	0.50'	...	...	...
Serajganj	26th ,	8 ,	13.60'	...	...	0.20'	...	...	...
Dibrugarh	26th ,	8 ,	13.60'	...	...	0.05'	...	...	...
Bhairab Bazar	26th ,	6 hours	15.08'	1.61'	16.69'	0.25'	...	...	...
Chandpur	26th ,	7 ,	12.25'	1.61'	13.86'	0.25'	...	...	...
Penchuganj	26th ,	7 ,	1.61'	24.80'	...	0.05'	...	...	...
Dhaleswari	26th ,	7 ,	25.70'	- 8.62'	17.08'	Steady	...	...	...
Bhagirathi	26th ,	6 ,	27.55'	1.509'	29.059'	...	0.03'	27.48'	28.00'
Damodar	26th ,	6 ,	7.75'	92.58'	100.33'	...	2.92'	...	...
Lakhya	26th ,	... ,	21.42'	- 5.59'	15.83'	0.57'	...	...	...
Naduripur Bil Route	Takerhat	6 A.M.	12.60'	- 0.599'	12.001'	9.10'	...	...	...

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 28th August 1919.

SUPPLEMENT TO THE CALCUTTA GAZETTE. SEPT. 3, 1919. 1017

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 28th August 1919.

Name of river and place where reading was taken.		Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Weight above P. W. D. datum.	COMPARED WITH PREVIOUS DAYS HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE 15.—		REMARKS.	
				Bins.	Fall.		1917.	1918.				
Ganges	Monghyr ...	28th Aug. 1919	6 A.M. ...	24.27	101.83'	126.10'	... ... ... ...	0.40' 0.10' 0.20' 0.30'	121.70' 80.56' 20.80'	123.00' 81.31' 24.70'	
	Rajmahal ...	28th , ,	6 , ,	26.20'	56.319'	82.519'	... ... ...	0.10' 0.20' 0.30'	80.56' 20.80'	81.31'	
	Goalundo ...	28th , ,	8 hours ...	22.50'	... ...	...	...	...	...	24.70'	
Brahmaputra	Gauhati ...	28th , ,	8 A.M. ...	14.70'	148.76'	163.46'	... ... ...	0.30' 1.10' 0.45'	167.06'	176.86'	
	Seraiganj ...	28th , ,	12 hours ...	33.80'	...	...	...	...	...	...
	Dibrugarh ...	28th , ,	8 A.M. ...	13.95'	...	...	...	...	...	...
Meghna	Bhairab Bazar ...	28th , ,	6 hours	15.42'	1.61'	17.03'	0.17'	...	...	...
	Chandpur ...	28th , ,	8 , ,	12.42'	1.61'	14.43'	... ... ...	0.16'	...	...
	Fenchuganj ...	28th , ,	7 A.M. ...	21.75'	...	...	...	0.05'	...	...
Dhakeswari	Sabbar ...	28th , ,	7 , ,	25.90'	-8.62'	17.28'	0.10'	...	...	...
Bhagirathi	Swarupganj ...	28th , ,	6 , ,	27.39'	1.509'	28.899'	... ...	0.10'	26.63'	29.70'	
Damodar	Edilpur ...	28th , ,	6 , ,	6.75'	92.38'	99.33'	... ...	0.75'	...	...
Lakhyा	Narayanganj ...	28th , ,	6 , ,	21.29'	-5.59'	15.70'	... ...	0.15'	...	...
Madaripur Bil Route	Tukerhat ...	28th , ,	6 A.M. ...	13.40'	-0.599'	12.401'	0.20'	...	...	...

Vital Statistics of the Towns with a population of 10,000

Districts.	No.	Towns.	POPULATION UNDER REGISTRATION ACCORDING TO CENSUS OF 1911.			BIRTHS REGISTERED.		DEATHS		
			Male.	Female.	Total.	Number registered (excluding still-births).	Stillborn number registered.	Cholera.	Small- pox.	Plague.
Burdwan	1	Burdwan	20,527	15,394	35,921	16	...	8	4	...
	2	Raniganj	8,417	7,080	15,497	13	...	...	...	...
	3	Asansol	12,486	9,453	21,939	45	1	24	...	...
Bankura	4	Bankura	12,156	11,297	23,453	37	...	...	...	...
	5	Vishnupur	10,025	10,453	20,478	22	...	19	1	...
	6	Sonamukhi	6,254	7,021	13,275	6	...	1	...	...
Midnapore	7	Midnapore	17,677	15,163	32,740	22	...	5	...	...
	8	Ghatal	6,216	5,848	12,064	5	2	...	1	...
	9	Hooghly and Chin- sura.	15,817	13,099	28,916	51	...	...	...	...
Hooghly	10	Serampore	19,639	12,439	32,078	40	...	7	1	...
	11	Rishra Konnagore...	10,724	6,792	17,516	16	...	...	...	...
	12	Baidyabati	...	...	16,131	13	...	1	1	...
Howrah	13	Bhadrakali	...	...	13,441	11	...	3	2	...
	14	Champdani	...	...	15,297	8	...	...	...	...
	15	Howrah	114,829	64,560	179,389	268	...	78	53	...
24-Parganas	16	Bally	14,217	8,177	22,394	29	...	13	5	...
	17	Cossipore-Chitpur	30,793	17,385	48,178	52	2	16	13	...
	18	Maniktala	31,735	22,082	53,767	50	11	12	12	...
	19	South Suburban	17,683	13,850	31,533	49	...	2	...	...
	20	Tollygunge	11,183	7,250	18,433	28	...	2	1	...
	21	Garden Beach	27,665	17,630	45,295	50	...	11	1	...
	22	Budge-Budge	11,529	6,463	17,982	9	...	2	...	...
	23	Baranagar	14,982	10,913	25,895	25	1	5	6	...
	24	Kamarhati	11,243	6,772	18,015	15	...	5	4	...
	25	Rajpur	5,762	5,845	11,607	14	...	...	...	...
	26	South Dum-Dum	7,760	5,114	12,874	14	...	1	...	...
	27	Barrackpore	11,357	6,944	18,301	8	...	7	...	...
	28	Panihati	6,339	4,779	11,118	9	...	2	1	...
	29	North Barrackpore	9,780	6,340	16,120	19	...	5	1	...
Calcutta	30	Tittagari	31,225	13,946	45,171	31	5	13	4	...
	31	Garia	7,876	3,704	11,580	4	...	1	2	...
	32	Naihati	11,685	6,534	18,219	13	...	28	1	...
	33	Bhatpara	34,739	15,875	50,414	28	1	87	6	...
	34	Basirhat	9,517	8,814	18,331	20	...	...	...	...
	35	Baduria	7,058	6,622	13,680	20	...	...	...	...
	36	Calcutta	607,674	288,893	896,067	1,102	79	276	208	13
Nadia	37	Krishnagar	11,767	11,768	23,475	11	...	...	...	...
	38	Nadia or Nababwip	5,821	6,659	12,480	11	...	3	...	...
	39	Santipur	12,186	14,517	26,703	29	...	...	1	...

and over, of Bengal, for the month of June 1919.

REGISTERED.											No.	Town.		
Fever.	Dysentery and diarrhoea.	Respira- tory diseases.	Injuries including suicide.	Other causes.	Total of all causes.			Total of corresponding month of previous year.						
					Male.	Female.	Total.	Male.	Female.	Total.				
32	21	8	3	19	56	39	95	44	34	78	1	Burdwan.		
5	1	1	2	4	8	5	13	15	4	19	2	Raniganj.		
20	2	2	3	2	34	19	53	17	18	35	3	Asansol.		
11	...	2	...	15	16	12	28	11	14	25	4	Baukurn.		
9	4	2	1	4	21	19	40	10	16	26	5	Viehnupur.		
10	2	2	1	4	11	9	20	11	6	17	6	Sonamukhi.		
27	6	4	...	7	18	31	49	21	15	36	7	Midnapore.		
10	9	1	1	...	7	9	16	7	12	19	8	Ghatal.		
12	7	6	2	7	19	15	34	28	24	52	9	Hooghly and Chin- sura.		
13	12	7	1	8	24	25	49	26	15	41	10	Serampore.		
13	2	1	1	4	8	19	21	17	9	26	11	Rishra Konnagore.		
10	3	3	...	6	14	10	24	14	9	23	12	Baidyabati.		
4	4	1	...	3	4	13	17	4	3	7	13	Bhadreswar.		
13	2	2	...	3	11	9	20	6	4	9	14	Champdani		
210	56	101	9	117	345	279	624	239	164	403	15	Howrah.		
15	3	1	...	4	21	20	41	17	8	25	16	Bally.		
29	7	29	2	24	68	52	120	58	51	109	17	Cossipore-Chitpur.		
31	11	33	...	43	73	69	142	73	61	134	18	Maniktala.		
18	2	5	1	3	22	9	31	23	16	39	19	South Suburban.		
9	...	1	...	...	6	7	13	11	11	22	20	Tollygunge.
38	10	8	4	25	71	26	97	44	33	77	21	Garden Reach.		
1	1	1	...	3	5	3	8	13	4	17	22	Budge-Budge.		
24	21	7	4	21	51	37	88	25	13	38	23	Baranagore.		
27	4	1	...	6	34	13	47	18	3	21	24	Kamarhati.		
12	1	...	...	...	8	5	13	9	5	14	25	Rajpur.
6	2	2	...	2	9	4	13	18	8	26	26	South Dum-Dum.		
11	2	1	...	3	17	7	24	1	1	2	27	Barrackpore.		
11	2	2	...	3	15	6	21	7	4	11	28	Zanibati.		
14	3	5	1	5	23	11	34	10	9	19	29	North Barrackpore.		
77	7	...	1	19	76	45	121	33	29	62	30	Titaghari.		
1	...	...	...	...	4	...	4	1	2	3	31	Garulia.
14	1	1	...	0	28	23	46	10	5	15	32	Naihati.		
32	3	1	...	4	52	30	82	46	18	64	33	Bhatpara.		
14	1	...	1	2	10	8	18	19	15	34	34	Basirhat.		
6	...	...	...	1	5	2	7	9	7	16	35	Beduria.
305	204	470	40	834	1,348	1,002	2,350	1,131	806	1,937	36	Calcutta.		
4	...	4	...	1	5	4	9	7	4	11	37	Krishnagar.		
17	...	...	1	...	12	9	21	8	11	19	38	Nadia or Nadabwip.
22	1	4	1	12	18	23	46	13	23	36	39	Santipur.		

Vital Statistics of the Towns with a population of 10,000

Districts.	No.	Town.	POPULATION UNDER REGISTRATION ACCORDING TO CENSUS OF 1911.			BIRTHS REGISTERED.		DEATHS		
			Male.	Female.	Total.	Number registered (excluding still-births.)	Still-born number registered.	Cholera.	Small-pox.	Plague.
Murshidabad	40	Berhampore	14,302	11,841	26,143	29	2	...	...	...
	41	Murshidabad	6,259	6,410	12,669	5	...	...	...	...
	42	Ajimganj	6,725	5,602	12,327	7	...	6	2	...
	43	Kandi	6,212	6,426	12,638	20	...	...	3	...
	44	Jangipur	5,493	5,915	11,408	16	...	4	...	...
Khulna	45	Khulna	7,983	5,013	12,996	16	...	8	...	...
	46	Satkhira	5,802	5,100	10,902	1	...	...	...	...
Rajshahi	47	Rampur-Boalia	13,057	10,849	23,406	44	1	...	2	...
Dinajpur	48	Dinkpur	9,648	6,297	15,945	9	...	...	3	...
Jalpaiguri	49	Jalpaiguri	7,547	4,218	11,765	5	...	...	1	...
Darjeeling	50	Darjeeling	11,631	7,374	19,005	17	1	1	...	...
Rangpur	51	Rangpur	10,509	5,920	16,429	11	...	...	...	...
Pabna	52	Pabna	10,056	9,218	19,274	12	...	...	1	...
	53	Sirajganj	13,236	11,541	24,777	15	1	1	1	...
Madar	54	English Bazar	7,697	6,625	14,322	15	...	...	3	...
	55	Nawabganj	11,122	12,200	23,322	25	...	3	...	...
Dacca	56	Dacca	63,091	45,460	108,551	165	7	1	41	...
	57	Narayanganj	18,738	9,138	27,876	40	2	...	1	...
Mymensingh	58	Mymensingh	13,462	6,391	19,853	15	1	4	1	...
	59	Netrakona	8,018	5,722	13,740	3	...	11	1	...
	60	Jamalpur	11,728	9,381	21,109	27	...	...	2	...
	61	Sherpur	8,516	7,075	15,591	22	...	...	...	...
	62	Kishoreganj	9,508	8,518	18,026	20	4	1	1	...
	63	Bujitpur	5,447	5,386	10,833	3	...	5	...	...
Faridpur	64	Tangail	8,493	7,869	16,362	7	...	...	...	...
	65	Faridpur	8,017	5,114	13,131	18	...	1	...	...
	66	Madaripur	10,549	8,524	19,073	30	1	3	3	...
	67	Barisal	15,488	6,985	22,473	14	...	2	...	...
Bogra	68	Pirojpur	6,528	5,473	11,996	25	...	9	...	...
	69	Chittagong	18,779	9,987	28,766	38	2	3	...	...
Tippore	70	Comilla	13,706	8,986	22,692	28	...	38	...	...
	71	Brahmanbaria	11,671	10,624	22,295	32	...	4	1	...
	72	Chandpur	9,062	3,655	12,717	14	...	...	...	...
Total of month...			...	...	2,618,159	2,951	124	687	395	18
Total of corresponding month of previous year.			...	...	...	3,450	110	409	113	54
Increase + or decrease —			...	...	...	-499	+14	+278	+282	-41

REMARKS—

1. The above table is compiled from returns collected by the Municipalities and submitted to this office by the Civil Surgeons. Taken as a whole they are obviously incomplete.
2. The vital statistics of Municipalities with a population of less than 10,000 have been excluded from this statement and incorporated in the statement of the Government of India, Education.

CALCUTTA,
The 28th August 1919.

and over, of Bengal, for the month of June 1919—contd.

REGISTERED.

Fever.	Dysentery and diarrhoea.	Respiratory diseases.	Injuries including suicide.	Other causes.	Total of all causes.			Total of corresponding month of previous year.			No.	Town.
					Male.	Female.	Total.	Male.	Female.	Total.		
7	8	4	1	18	28	10	38	15	12	27	40	Berhampore.
11	...	...	...	...	7	4	11	7	13	20	41	Murshidabad.
6	2	1	...	3	11	9	20	9	2	11	42	Ajimganj.
4	...	...	...	5	6	6	12	8	6	14	43	Kandi.
17	...	...	...	...	7	14	21	6	1	7	44	Jangipur.
15	2	1	...	...	17	9	26	11	5	16	54	Khulna.
3	1	1	...	1	4	2	6	4	2	6	46	Satkhira.
9	2	...	1	6	13	7	20	14	14	28	47	Rampur-Boalia.
6	5	1	...	2	8	9	17	5	5	10	48	Dinajpur.
4	1	2	3	4	9	6	15	10	5	15	49	Julpaignuri
15	1	9	1	4	23	8	31	17	8	25	50	Darjeeling
9	1	1	...	6	8	9	17	15	8	23	51	Rangpur.
7	...	...	...	4	7	5	12	5	4	9	52	Pabna.
22	...	1	...	3	14	14	28	3	3	6	53	Sirajganj.
6	...	2	...	1	9	3	12	9	11	20	54	English-Bazar.
4	...	...	...	...	6	1	7	5	1	9	55	Nawabganj.
105	13	10	7	57	122	112	234	101	67	168	56	Dacca.
18	1	2	1	16	26	13	39	14	12	26	57	Narayanganj.
20	2	2	1	4	21	13	34	9	4	13	58	Mymensingh.
8	...	...	...	...	13	7	20	6	1	7	59	Netrokona.
23	1	1	2	4	20	13	33	11	16	27	60	Jamalpur.
5	...	1	2	10	11	7	18	13	10	23	61	Sherpur.
7	10	1	...	5	15	10	25	13	9	22	62	Kishoreganj.
7	4	...	...	5	8	13	21	9	4	13	63	Bajitpur.
5	...	...	...	2	4	3	7	8	5	13	64	Tangail.
8	1	1	...	1	7	5	12	9	7	16	65	Faridpur.
10	1	1	1	7	16	10	26	13	13	26	66	Madaripur.
11	3	...	...	4	17	3	20	12	6	18	67	Barisal.
7	1	1	1	2	16	5	21	7	1	8	68	Pirojpur.
15	2	3	...	9	18	14	32	19	35	74	69	Chittagong.
8	5	...	...	4	33	22	55	9	6	15	70	Comilla.
12	2	4	...	10	19	14	33	17	9	26	71	Brahmanbaria
9	1	...	...	6	5	11	16	8	3	11	72	Chandpur.
1,559	482	769	101	1,427	3,120	2,313	5,433	...	...	...
1,222	445	586	102	1,388	2,514	1,805	4,319	2,514	1,805	4,319		
+837	+37	+183	-1	+89	+606	+508	+1,114	...	...	...

whole the table possessed a relative value, although the figures for individual towns probably only approximate to the actual in a proportion
porated in the returns for districts—*vide* Bengal Government, Municipal Department, letter No. 11888, dated the 8th February 1918.
tion Department, letter No. 93, dated the 26th March 1918.

CHARLES A. BENTLEY,
Sanitary Commissioner for Bengal.

Vital Statistics of the Districts excluding Towns, of Bengal, with a population

Division.	No.	Districts.	POPULATION UNDER REGISTRATION ACCORDING TO CENSUS OF 1911.			BIRTHS REGISTERED.		DEATHS		
			Male.	Female.	Total.	Number registered (excluding still- births).	Still-born number registered.	Cholera.	Small- pox.	Plague.
Burdwan	1	Burdwan	728,894	736,140	1,465,034	2,562	6	218	48	...
	2	Birbhum	463,838	471,635	935,473	1,957	34	60	30	...
	3	Bankura	534,150	547,314	1,081,464	2,645	1	110	38	...
	4	Midnapore	1,386,921	1,389,476	2,776,397	4,764	88	257	153	...
	5	Hooghly and Serampore.	481,989	484,729	966,718	1,436	4	81	183	...
	6	Howrah	369,595	372,124	741,719	1,430	11	80	85	...
Presidency	7	24-Parganas	1,005,789	941,802	1,947,591	3,334	22	98	54	...
	8	Nadia	782,806	772,382	1,555,188	2,056	35	185	64	...
	9	Murshidabad	639,301	657,788	1,297,089	2,192	91	285	59	...
	10	Jessore	901,092	857,172	1,758,264	2,362	94	124	23	...
	11	Kulna	695,794	647,074	1,342,868	2,034	62	148	16	...
	12	Rajshahi	742,149	715,032	1,457,181	2,165	115	217	128	...
Rajshahi	13	Dinajpur	880,228	791,690	1,671,918	2,872	106	161	1,824	...
	14	Jalpaiguri	482,681	408,214	890,895	1,593	107	701	73	...
	15	Darjeeling	130,463	116,082	246,545	488	31	389	16	...
	16	Rangpur	1,244,208	1,124,693	2,368,901	3,518	212	293	1,106	...
	17	Bogra	502,526	481,041	983,567	1,281	44	45	358	...
	18	Pabna	700,299	684,236	1,384,535	1,899	97	342	410	...
Dacca	19	Malda	479,728	486,787	966,515	1,446	22	143	168	...
	20	Dacca	1,395,861	1,428,114	2,823,975	3,585	189	102	199	...
	21	Mymensingh	2,274,431	2,136,477	4,410,908	6,019	334	816	486	...
	22	Fazidpur	1,056,393	1,033,317	2,089,710	2,776	79	59	71	...
	23	Bakarganj	1,222,824	1,171,618	2,394,442	3,711	57	162	33	...
	24	Chittagong	704,058	775,609	1,479,667	3,399	270	850	16	...
Chittagong	25	Neakhali	645,898	656,192	1,302,090	2,272	164	114	39	...
	26	Tippera	1,208,642	1,163,792	2,372,434	3,331	215	250	493	...
	27	Chittagong Hill Tracts.							Not under	*
		Total of month for Bengal	... 21,660,558	21,050,530	42,711,088	67,066	2,490	6,290	6,123	...
		Total of corresponding month of previous year	... ...	... ...	... ...	86,976	3,380	2,811	1,008	...
		Increase + or decrease -	... ...	... ...	... ...	19,910	+ 890	+ 3,479	+ 6,115	...

REMARKS—1. The above table is compiled from returns collected by the thana police officers and submitted to this office by the to the actual.
 2. The vital statistics of municipalities with a population of less than 10,000 have been included in this statement with
 3. Divisional totals and the birth and death ratios per 1,000 per annum have been omitted from the statement according

CALCUTTA,
The 28th August 1919.

of 10,000 and over, for the month of June 1919.

REGISTERED.

Fever.	Dysen- teric and Diarrhoea.	Respira- tory diseases.	Injuries including suicide.	Other causes.	Total all causes.			Total of corresponding month of previous year.			Per cent. age.	Districts.
					Male.	Female.	Total.	Male.	Female.	Total.		
3,185	69	12	62	460	2,157	1,897	4,054	1,648	1,377	3,025	1	Burdwan.
1,985	12	2	87	170	1,262	1,034	2,296	947	863	1,810	2	Birbhum.
1,786	43	4	32	431	1,315	1,129	2,444	1,194	1,129	2,323	3	Bankura.
4,636	85	14	154	876	3,290	2,885	6,175	2,118	1,809	3,927	4	Midnapore.
1,589	85	25	47	220	1,146	1,026	2,171	946	834	1,779	5	Hooghly and Serampore.
620	221	54	58	246	753	611	1,364	578	430	1,008	6	Howrah.
2,037	50	46	137	344	1,490	1,275	2,765	1,468	1,148	2,616	7	24-Parganas.
2,479	6	14	88	274	1,683	1,427	3,110	1,782	1,532	3,314	8	Nadia.
2,147	6	22	89	309	1,592	1,325	2,917	1,409	1,179	2,588	9	Murshidabad.
2,443	1	3	100	197	1,570	1,321	2,891	1,464	1,196	2,660	10	Jessore.
1,917	19	7	97	489	1,475	1,218	2,693	1,156	1,017	2,173	11	Khulna.
2,523	2	2	83	170	1,697	1,433	3,130	1,488	1,356	2,844	12	Rajshahi.
3,238	6	7	74	79	2,894	2,495	5,389	2,033	1,615	3,648	13	Dinajpur.
2,146	220	40	12	168	1,836	1,625	3,380	1,323	1,127	2,450	14	Jalpaiguri.
878	186	13	4	162	835	813	1,648	441	370	811	15	Darjeeling.
3,923	6	3	72	63	2,969	2,503	5,472	2,370	1,929	4,299	16	Rangpur.
1,233	19	10	48	110	1,010	813	1,823	869	668	1,537	17	Bogra.
3,693	11	3	49	116	1,950	1,674	3,624	1,527	1,238	2,765	18	Pabna.
1,697	...	1	45	139	1,191	1,002	2,193	1,124	804	1,928	19	Malda.
2,784	85	13	89	700	2,160	1,812	3,972	2,060	1,629	3,689	20	Dacca.
5,941	60	23	129	767	4,393	3,929	8,222	3,753	3,286	7,039	21	Mymensingh.
2,733	34	9	119	469	1,899	1,585	3,484	1,613	1,371	2,984	22	Faridpur.
3,494	133	12	121	1,084	2,776	2,263	5,039	2,087	1,644	3,731	23	Bakarganj.
4,018	49	...	53	80	2,618	2,548	5,066	3,123	3,081	6,204	24	Chittagong.
2,488	29	...	89	298	1,567	1,475	3,042	1,925	2,073	3,908	25	Noakhali.
3,655	144	8	70	332	2,917	2,285	5,152	2,110	1,757	3,867	26	Tippera.
registration.											27	Chittagong Hill Tracts.
68,265	1,575	346	1,954	8,943	50,344	43,152	93,496				...	
61,532	1,515	284	1,863	10,064	42,555	36,462	79,017	42,555	36,462	79,017		
+6,733	+60	+62	+151	+1,121	+7,789	+6,690	+14,479					

Civil Surgeons. Taken as a whole the table possesses a relative value, although the figures for individual districts probably only approximate those of the respective districts as per Government of Bengal, Municipal Department, letter No. 1183an., dated the 8th February 1918, to the Government of India, Education Department, letter No. 93, dated the 26th March 1918.

CHARLES A. BENTLEY,
Sanitary Commissioner for Bengal.

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

Approximate return of traffic on the Circular and Eastern Canals for the week ending Saturday, the 30th August 1919, as compared with the corresponding week of the previous year.

Nature of Cargo.	WEEK ENDING SATURDAY, THE 30TH AUGUST 1919.			WEEK ENDING SATURDAY, THE 31ST AUGUST 1918.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
Rice and paddy ...	416	31,480	Mds. 539 Rs. 539	807	96,610	Mds. 1,597 Rs. 1,597
Jute ...	61	26,840*	Mds. 286 Rs. 286	68	23,262†	Mds. 293 Rs. 293
Firewood ...	70	45,500	Mds. 684 Rs. 684	170	66,925	Mds. 1,074 Rs. 1,074
Other articles ...	704	201,751	Mds. 1,922 Rs. 1,922	781	170,620	Mds. 1,985 Rs. 1,985
Total ...	1,251	305,581	Mds. 3,431 Rs. 3,431	1,826	357,417	Mds. 4,949 Rs. 4,949
Empty boats and rafts ...	474	...	Mds. 1,276 Rs. 1,276	582	...	Mds. 1,774 Rs. 1,774
GRAND TOTAL ...	1,725	305,581	Mds. 4,707 Rs. 4,707	2,408	357,417	Mds. 6,728 Rs. 6,728

* Weight by canal measurement
† Dated 31st August 1918

CALCUTTA,
The 2nd September 1919.

G. J. ST. C. SEDGLEY,
Under-Secy. to the Govt. of Bengal.

Statement showing the gauge-readings at Dacca Water-works Station on the river Buriganga for the week ending the 23rd August 1919.

Date.	At 7 A.M.	AT HIGHEST WATER.		AT LOWEST WATER.		At 6 P.M.	Remarks.
		Time.	Readings.	Time.	Readings.		
1919. 17th Aug.	64·0	...	...	...	...	64·0	
18th "	64·05	...	...	...	...	64·15	
19th "	64·1	...	...	...	...	64·05	
20th "	64·0	...	...	...	...	64·0	
21st "	63·9	...	...	...	...	63·85	
22nd "	63·8	...	...	...	...	63·75	
23rd "	63·75	...	...	...	...	63·7	

Notable high and low water-levels of previous years.

27th August	1906	70·5	Taken at high tide.
5th September	1909	...	...	...	...	67·6
10th August	1910	...	...	...	...	69·85
1st "	1911	...	...	...	...	68·45
18th "	1912	...	...	...	...	67·16
31st "	1916	...	...	...	...	69·7
16th "	1916	...	...	...	...	69·1
12th "	1917	...	...	...	...	67·1
31st "	1918	...	...	...	...	69·12
23rd February	1907	...	...	...	...	61·66
18th "	1908	51·06	
12th March	1912	51·06	
4th "	1914	50·60	
22nd February	1915	50·30	Taken at low tide.
15th "	1916	...	...	...	...	50·60
3rd March	1917	...	...	...	...	51·0
21st February	1918	...	...	...	...	51·40

DACCA,
The 26th August 1919.

W. J. KERR,
Executive Engr., Dacca Division.

SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPT. 3, 1919. 1025

Statement of Weekly Gauge-readings on the River Ganges at Rampur-Boalia for the week ending the 23rd August 1919.

Date.	Hour.	Height of surface above or below zero : minus sign for those below zero.	Height of surface above mean sea-level according to P. W. D. datum.(a)	Height of surface above mean sea-level on the same date last year according to P. W. D. datum.(a)	Remarks.
1919.					
17th August	... 8 A.M.		60.90	56.96	B. M. on College step corrected (P. W. D.)
18th "	... 8 "		61.05	57.01	
19th "	... 8 "		55.20	56.81	
20th "	... 8 "		61.45	56.56	
21st "	... 8 "		61.40	56.41	
22nd "	... 8 "		61.40	56.41	
23rd "	... 8 "		61.28	56.41	

(a) Datum corrected by adding 1.51 to the value of zero, vide Superintending Engineer's No. 2876 dated 8-88-17, 10th May 1919, and Bengal Government, Public Works Department, Irrigation Branch, Resolution No. 4821, dated 17th February 1919.

Old value. According to P. W. D. datum.

The previous year ...	Highest water-level	... 66.62 on 30th August 1918	...	61.71
Ditto	Lowest	... 47.70 on 21st April 1918	...	36.89
Record	Highest	... 69.25 on 26th August 1879	...	64.44
Do.	Ditto	... 69.08 on 9th September 1885	...	64.27
Do.	Ditto	... 68.30 on 26th August 1896	...	68.47
Do.	Ditto	... 68.21 on 26th August 1890	...	68.40
Do.	Lowest	... 37.68 on 28th April 1884	...	32.82
Do.	Ditto	... 28.18 on 14th—15th April 1888	...	33.82
Do.	Ditto	... 39.02 on 21st—22nd April 1897	...	34.21
Do.	Ditto	... 39.28 on 6th—7th May 1908	...	34.47

N.B.—The gauge-readings commenced from the 1st August 1887.

BOALIA,

S. C. BHATTACHARJI,

The 23rd August 1919.

for Executive Engineer, Rajshahi Divn.

Statement of weekly gauge-readings on the rivers Ganges and Brahmaputra at Goalundo for the week ending 23rd August 1919.

Month end date.	Hour.	Height of surface above or below zero of gauge.	Height of surface above mean sea-level.	Height of surface above mean sea-level on same date last year.	Remarks.
1919.					
17th August ...	7 A.M.	22.5	22.5	23.0	Zero is placed at mean sea-level.
18th "	7 "	22.5	22.5	23.1	The beach mark for the gauge is on a pucca pillar between the passenger ghat and Chandpore ghat;
19th "	7 "	22.6	22.6	23.1	Its reduced level is 22.41.
20th "	7 "	22.6	22.6	23.1	
21st "	7 "	22.5	22.5	23.1	
22nd "	7 "	22.5	22.5	23.1	
23rd "	7 "	22.5	22.5	23.2	

The previous year ...	Highest water-level	... 25.2 on 1st September 1918.
Ditto	Lowest	... 5.8 on 9th March 1918.
Record (H.F. in Brahmaputra and Ganges) ...	Highest	... 25.75 on 28th August 1906.
Record (average flood in Brahmaputra and Ganges) ...	Ditto	... 25.74 on 20th and 21st August 1898.
Record (H.F. in Brahmaputra and Ganges) ...	Ditto	... 25.66 on 11th to 17th and 31st August and on 1st to 8th September 1899.
Record (H.F. in Brahmaputra only) ...	Ditto	... 25.66 on 31st July 1900.
Do.	Lowest	... 1.0 on 8th February 1914.
Do.	Ditto	... 2.42 on 18th March 1908.
Do.	Ditto	... 2.91 on 21st to 24th February and 8th to 9th March 1884.
Do.	Ditto	... 8.11 on 9th to 11th March 1886.
Do.	Ditto	... 8.16 on 16th, 17th and 29th to 31st March 1901.

N.B.—The gauge-readings commenced from 1st October 1909.

FARIDPUR,

R. K. GHOSH,

The 25th August 1919.

for Subdivisional Officer, P. W. D., Faridpur.



The Calcutta Gazette

WEDNESDAY, SEPTEMBER 10, 1919.

SUPPLEMENT.

OFFICIAL PAPERS.

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REPORT ON FAMINE IN THE DISTRICT OF BANKURA FOR THE WEEK ENDING 30TH AUGUST 1919.

THE rainfall during the week was general and sufficient. Transplantation has been completed. The prospects of the autumn and winter paddy crops are favourable. Distress is decreasing. Seventy-one relief works were open during the week. The number of persons relieved on works was 8,998. The number of persons in receipt of gratuitous relief was 15,752, viz., 10,604 on cash doles in 125 unions, 3,683 on paddy-husking advances, 885 weavers and 580 better class poor. The grand total of persons relieved was 24,750. The increase in the number of persons on relief works was due to the completion of field operations, and the decrease in the numbers in receipt of cash doles was due to better agricultural prospects. The number of persons relieved on private works was 655. The charitable societies also relieved 627 persons on weekly rice doles and 900 on daily rice doles and by cooked food. During the week three grain-looting cases were reported. Public health is generally good. The outbreak of malaria in certain localities is reported. Cloth is being distributed to destitutes. The relief measures are adequate. The price of common rice varies from 5 to 5½ seers in the rupee. Burmese rice is being sold.

M. C. McALPIN,
Secy. to the Govt. of Bengal.

CALCUTTA, the 4th September 1919.

RESOLUTION ON THE REPORT ON THE POLICE ADMINISTRATION IN THE BENGAL PRESIDENCY FOR THE YEAR 1918.

GOVERNMENT OF BENGAL.

POLITICAL DEPARTMENT.

Police Branch.

CALCUTTA, THE 3RD SEPTEMBER 1919.

RESOLUTION—No. 3306P.J.

READ—

The Report on Police Administration in the Bengal Presidency for the year 1918.

Read also—

The Report on Police Administration in the Bengal Presidency for the year 1917 and the Resolution of Government thereon.

MR. C. W. C. PLOWDEN, C.I.E., held the post of Inspector-General of Police throughout the year, except for a period of three weeks, when he was on privilege leave, and Mr. T. C. Simpson acted for him in addition to his own duties as Assistant Inspector-General.

2. The Military Police Battalion under Major Macpherson fully maintained its reputation for discipline and efficiency, in spite of many demands on its services for unaccustomed duties which interfered with its regular training. During the year sanction was received to the addition of a company to the battalion, and recruitment is now going on. Since the close of the year, the General Officer Commanding the Presidency Brigade has inspected the battalion, and remarked that the standard of drill and training is very satisfactory, considering that the battalion has, since the outbreak of the war, been without its full complement of military officers. It is hoped that this defect will soon be removed.

3. The superior cadre of the service was increased during the year by the addition of an appointment of Additional Superintendent for the Faridpur district. Four temporary appointments of deputy superintendents were also made permanent.

The strength of the subordinate police force was increased by about 200 men, mainly in connection with the establishment of new investigating centres. The special armed force was increased in Chittagong, Dacca and Jalpaiguri, and since the close of the year sanction has been given to an increase in the emergency force in Noakhali.

Service in the armed branch continues to be unpopular. The Inspector-General of Police thinks that before long the question of increasing the pay of the branch will have to be considered, as the extra rupee allowed to the armed police does not compensate the men for the loss of the easier conditions and cheaper living in the mafassal enjoyed by the unarmed branch.

4. The number of recruits enlisted during the year was 2,911, of whom 1,847 or 63 per cent. were Bengalis, a larger proportion than in any previous year. The improvement in local recruiting is very satisfactory, and would be more rapid but for the difficulty that a large proportion of the candidates for enlistment fail to come up to the required standard of height and chest measurement, though the latter has been reduced, in the case of Bengalis, to 30 inches. Steps are being taken to recruit men of the Bengali Regiment who desire to join the police. The difficulty of securing upcountry recruits is however increasing. The men who formerly enlisted now prefer employment in the mills and collieries, and though a special recruiting party was deputed to the United Provinces only 445 recruits were obtained. At the close of the year, there were over 500

vacancies among constables, 134 of which were in the district of the 24-Parganas, where, as also in Howrah and Hooghly, it is difficult to induce local men to enlist. The probationary sub-inspectors appointed during the year included 40 graduates, and a few direct appointments were made in the rank of head constables, mostly from among candidates who had failed to secure sub-inspectorships. Sanction was given to a scheme for the direct appointment of graduates in law to the post of court inspector up to a limit of 10 per cent. of the annual vacancies.

5. The figures under the various heads of casualties rose from 1,999 to 2,898. The number of resignations rose from 666 in 1917 to 1,215 in the year under review. The Inspector-General attributes this large increase to various causes, not the least important of which is the refusal of leave on account of the inadequacy of the leave reserve. An increase in the scale of the ordinary reserve of head constables and constables recently sanctioned by the Secretary of State will improve the position in this respect.

The year was particularly unhealthy on account of the wide outbreak of influenza all over the country. An increase in mortality was therefore inevitable, while admissions into hospital rose by 1,440. Improvement in the housing of the police in the mafassal is urgently called for, but progress in this respect has been much hampered during the war owing to lack of funds.

6. There was a further increase in the number of officers and men who were rewarded either in money or with good service marks, and the amount of money disbursed in this way exceeded that spent last year by more than Rs. 13,000. The proportion of officers and men judicially punished for all offences remained stationary at 1·3 per cent. of the force. Of the 450 criminal cases against the police which were disposed of during the year, only 57 ended in conviction. Five police officers were accused of torture, but it is satisfactory that none of these charges were proved, while, with the exception of two sub-inspectors convicted of extortion and one constable convicted of bribery, the majority of the cases in which convictions were obtained were petty offences committed by constables. Of 30 civil suits instituted against the police, 17 were dismissed and 13 were pending at the close of the year.

7. During the year, the river police fleet was strengthened by the addition of five steam launches, two floating thanas, one *pansway* boat, four *ghasi* and forty-one *dinghi* boats. Twelve more launches are still required to complete the number sanctioned. The river police patrols have been able to effect a marked decrease in river crime in several districts. A notorious river dacoit, who was arrested during the year, admitted that, owing to the effective patrolling of the larger rivers, he and his fellow criminals had shifted the scene of their operations to the *khals* and smaller rivers. As usual, a feature of the work of the river police was the rescue of boats and crews in stormy weather. Altogether the officers and men of the river police rescued 78 persons from drowning, in many cases at great personal risk.

8. A revised curriculum of training for probationary sub-inspectors was introduced at the Sardah Training College at the beginning of the year, the main object being to give more time for practical work. The institution has grown considerably since it was first established, and a proposal for the appointment of an Assistant Principal is now under the consideration of Government.

9. The reports on the working of the village police are on the whole satisfactory, and the Inspector-General has furnished interesting details of several plucky acts of chaukidars in arresting criminals. The dafadari system, inaugurated in the Madaripur subdivision of the Faridpur district in 1914 as an experiment, has achieved a considerable measure of success. In Dacca, the panchayats continued to co-operate with the police in successful preventive work, but elsewhere, though on the whole the presidents of panchayats and the circle officers are willing to give the police every assistance, there is room for more regular and systematic co-operation between these three authorities. The instructions issued by the District Magistrate of Dacca have brought about a great improvement in this respect in the

Dacca district, and similar action might well be taken elsewhere. In spite of the remarks made on this subject in previous years, there are still indications that, in some districts, insufficient liberality is shown in rewarding chaukidars for good work. The Inspector-General of Police suggests that this may be due to the fact that Superintendents of Police are not kept fully informed of the state of the reward fund and of the amount available for distribution, but this difficulty can easily be removed by arrangement between the District Magistrate and the Superintendent, and cannot be accepted as an excuse for unsatisfactory chaukidari administration.

10. The amount spent on the police during the year 1918-19 was Rs. 1,05,83,092, as against Rs. 99,22,652 in the previous year, the increase being due mainly to additions to the force. A sum of Rs. 18 lakhs was spent on police buildings. The whole of the special grant given by the Government of India for non-recurring expenditure in connection with the reorganization of the police in the area which now forms the Presidency of Bengal has been spent, and any further expenditure on police buildings will have to be met from provincial revenues. No final estimate of the total cost of putting the police buildings of the province on a satisfactory footing has been drawn up, but the estimated cost of the works administratively approved for execution when funds are available amounts to over Rs. 80 lakhs.

11. There was a small decrease in the total volume of cognizable crime, and under most of the important heads, except robbery and dacoity. Including 12 unreported cases of the previous year and 82 *hat*-looting cases, the figure under dacoity rose from 437 in 1917 to 638, though burglaries decreased by 1,052 cases. The year was one of considerable economic stress, and this factor, together with the general unrest caused by the war, is largely responsible for the increase. While the restoration of peace, the conviction of some gangs and the vigorous preventive measures which have been taken will, it is hoped, effect an improvement, the restoration of normal conditions cannot be expected until the economic situation improves.

12. The results of the cases tried by the Courts compare favourably with those of other provinces in India and afford a satisfactory indication of the care with which cases are investigated. During the year 1,570 cases were found maliciously false by Magistrates, and prosecutions were undertaken in 448 cases, convictions being obtained in 163 cases. The results show an improvement over those of previous year and in some districts were particularly satisfactory. Elsewhere the matter requires closer attention at the hands both of trying Magistrates and of inspecting officers.

It is satisfactory to find that Magistrates are exercising greater discretion in sending petty cases to the police for enquiry, but in some districts there is still room for improvement in this respect. His Excellency in Council regrets to find further deterioration in the prompt disposal of cases by Magistrates. Attention was called to this matter last year, but little improvement can be expected until Magistrates realise that it is their duty to show greater firmness in refusing unnecessary adjournments.

13. There was a further decrease in revolutionary crime during the year, the number of dacoities being only three as compared with nine in 1917 and twenty-four in 1916. For the first time since 1907, no member of the public lost his life at the hands of the revolutionary party. The Governor in Council has, however, to deplore the loss of three brave police officers who were killed while attempting to arrest anarchists. A number of prominent revolutionaries were arrested and some significant seizures of arms and other implements of revolutionary crime were made. The party which seeks to attain its ends by violent crime is still alive, but the record of the year is a hopeful augury of the final success of the officers of the Intelligence Branch in their struggle with revolutionary conspiracy.

14. The Criminal Investigation Department was again largely occupied with measures for the repression of dacoity, and after protracted enquiry succeeded in bringing to justice many organised gangs in Bakarganj, Khulna, Midnapore, Hooghly, Howrah and other districts of the Presidency. Great credit is due to the officers of the Criminal Investigation Department for their successful prosecution of the Darjeeling gang case, which was

instituted against a number of persons who, with the assistance of certain members of the Darjeeling-Himalayan Railway staff, had for some time been systematically stealing goods in transit. The department also secured the conviction of eight persons for instituting fraudulent civil suits. The training school which was opened at Howrah in 1917 for the purpose of training officers in modern methods of detection has continued to do useful work, and good reports are being received of the officers who have completed the course. Some changes are being made in the curriculum as a consequence of the experience gained, the main object being to make the course of study more practical.

Ten gangs were declared under the Criminal Tribes Act during the year. The total number of gangs of habitual criminals which have been brought under control by the application of the provisions of the Act is now 58, and the total number of persons registered under the Act is 4,116.

15. The record of the year's work may be regarded as satisfactory. The force continued to be hampered by the absence of many officers of the Imperial service on military duty, and though the causes of unrest persisted, the situation has always been well in hand. The discipline of the force has been good and there have been few charges of serious misconduct against officers above the rank of constable. His Excellency in Council has read with pleasure the list of officers of all ranks who have been commended by the Inspector-General. The special acknowledgments of Government are due to Mr. Plowden, who has recently retired after 35 years' service in the Bengal Police. During this period he has seen the introduction of many important improvements and reforms for which he himself has been in no small measure responsible, and the Department has lost in him an officer of wide experience and much ability.

ORDER.—Ordered that copies of the Resolution be forwarded to the Inspector-General of Police, the Commissioner of Police, Calcutta, and all Commissioners of Divisions, for information.

Ordered also that the Resolution be published in the *Calcutta Gazette*.

By order of the Governor in Council,

J. H. KERR,

Chief Secy. to the Govt. of Bengal.

**REPORT ON THE WORKING OF THE LICENCED WAREHOUSE
AND FIRE BRIGADE ACT FOR THE YEAR ENDING 31ST
MARCH 1919.**

NOTIFICATION.

No. 3412M.—The 2nd September 1919.—The following is published for general information under section 41 of the Licensed Warehouse and Fire Brigade Act, 1893 (Bengal Act I of 1893).

S. W. GOODE,

Offg. Secy. to the Govt. of Bengal.

No. ~~E. B. 49-10~~^{E. B. 49-10}, dated Calcutta, the 15th August 1919,
From—R. CLARKE, Esq., C.I.E., Commissioner of Police, Calcutta,
To—The Secy. to the Govt. of Bengal, Municipal Dept.

In accordance with section 41, sub-section (2) of the Licensed Warehouse and Fire Brigade Act (I of 1893), I have the honour to submit herewith the report of the Chief Officer on the working of the Fire Brigade and Ambulance Department for the year ending the 31st March 1919.

No. ~~E. B. 49-10~~^{E. B. 49-10}, dated Calcutta, the 15th July 1919.
From—B. A. WESTBROOK, Esq., Chief Officer, Fire Brigade, Calcutta,
To—The Secy. to the Govt. of Bengal, Municipal Department.
(Through R. Clarke, Esq., C.I.E., Commissioner of Police,
Calcutta.)

I HAVE the honour to submit the following report on the working of the Calcutta Fire Brigade for the financial year ending 31st March 1919.

On my return from military service on the 2nd day of May 1918, I resumed charge of the Fire Brigade. During my absence station officer Jarrett efficiently carried out these duties.

2. **Financial Statement.**—The statement of the receipts and expenditure and payments made by the municipalities within the jurisdiction of the Fire Brigade Act, I of 1893, is given in Appendix I.

3. **Fires, etc.**—The total number of fires, or supposed fires, dealt with by the Fire Brigade during the year under review is 540, being an increase of 113 as compared with the previous year, and resulting in—

Fires	...	...	...	421 (331 in 1917-18).
False alarms	...	...	...	113 (88 in 1917-18).
Calls for special service	...	...	...	12 (8 in 1917-18).

It is unsatisfactory to note that no less than 83 of the above false alarms were assumed to have been given wilfully. In seven instances the offenders were arrested by the police, but I regret to say that the light sentences imposed have not had a deterrent effect. However, the Fire Alarm system has proved to be of benefit, and undoubtedly many serious fires have been averted owing to the rapid means by which the Brigade can now be communicated with.

3. Twenty-four fires occurred in premises licensed under the Licensed Warehouse and Fire Brigade Act, I of 1893, as compared with 15 in the previous year. The nature of the trades requiring licences under this Act are enumerated in Appendix XVII—

On one	day 9	fires or supposed fires occurred	...	9
On one	day 8	ditto	ditto	8
On two	days 7	ditto	ditto	14
On one	day 6	ditto	ditto	6
On six	days 5	ditto	ditto	30
On twenty	days 4	ditto	ditto	80
On thirty-five	days 3	ditto	ditto	105
On eighty-four	days 2	ditto	ditto	168
On one hundred and twenty	days 1	ditto	ditto	120
			Total	540

Summaries are given in the Appendix showing—

The district in which fires or supposed fires occurred (Appendix III).

The number of fires on every day and month throughout the year (Appendix IV).

Daily and hourly summary of fires or supposed fires (Appendix V).

The actual number of calls received during the year is 825 (588 in 1917-18), which figure included several instances where more than one call was received for the same fire. The means by which these calls were transmitted to the Brigade are given in Appendix II.

4. **Fire Loss.**—The damage caused by fire and water during the year is Rs. 15,50,274 (Rs. 7,82,835 in 1917-18), being an increase of Rs. 5,76,605 over the average for the past eight years. The increase of fire loss is mainly due to several serious fires in the jute presses in the Chitpur area during the latter part of the year, but I am glad to be able to report that the average damage per fire during the current year is Rs. 2,771 as compared with Rs. 4,727 for the past eight years. In practically every instance of serious fires there was delay in calling the Fire Brigade.

Summaries are given in Appendix showing—

Damage caused by fire, etc., in various districts (Appendix VI).

Classification of fires and calls (Appendix VII).

Means by which fires were extinguished (Appendix VIII).

Causes of fires and buildings affected (Appendix XV).

Comparative statement for the past ten years (Appendix XVIII).

5. **Fire Reports.**—Short reports of fires (Rs. 1,000 damage and over), are given in Appendix IX.

6. **Appliances.**—Appendix X shows the present distribution of the principal appliances in use by the Brigade, and Appendix XI gives the number of times each appliance has been turned out in response to fire calls, with monthly figures.

It is estimated that motor appliances travelled 5,343½ miles and horse-drawn appliances 302 miles during the year in responding to and returning from calls.

Two more motor fire engines are now on order, but delivery has not been effected owing to war. It is, however, anticipated that these machines will be delivered shortly.

Throughout the year the appliances have been maintained in good working order by the Fire Brigade staff, notwithstanding the difficulties experienced in obtaining spare parts and shortage of material.

7. **Fire Stations.**—Appendix XII gives the number of times each station has been turned out in response to fire calls, together with monthly figures.

I regret to say that the headquarters of the Fire Brigade are still situated in the premises temporarily hired from the Samavaya Corporation, Limited. These premises are not satisfactory and involve a large rental. Various sites have been selected for the permanent Fire Brigade headquarters, but unfortunately these sites have been required for other purposes. However, a sum of Rs. 30,000 has been allocated to the cost of building for new headquarters, and it is hoped that suitable site will soon be found. At present it is anticipated that the site now occupied by the Corporation Gowkhana, District No. III (Lower Circular Road), will be utilised for this purpose.

In 1917 the District Fire Brigade station in Halliday Street for the protection of the Barabazar area had to be vacated owing to the Calcutta Improvement Trust requiring the land for road widening. Premises were temporarily hired at Entally for the men and machinery formerly at this Fire station. Unfortunately this temporary station is at a considerable distance from the area which it protects, but I am glad to say that a suitable site has been found in Halliday Street, and plans are now being prepared for the re-erection of a District Fire station adequate for the work which it will be called upon to do. In the forthcoming budget application has been made for a sum to cover the cost of the building, and I anticipate that building this District Fire

station will be commenced at a very early date. The Barabazar area comprises exceptional fire risks, and owing to the very congested state of the streets with slow moving traffic, considerable time is lost in arriving at a fire in this area from the present stations.

Plans are prepared for accommodation of additional appliances and men at the District Fire station, Chitpur. It is hoped that this work will shortly be taken in hand as this District Fire station protects the industrial area of Chitpur and Cossipur, comprising numerous jute presses, etc. Undoubtedly when this station is more adequately equipped considerable saving can be effected in the serious fires which constantly occur in this area. From Appendix VI it will be seen that the majority of the fire loss has occurred in the Chitpur area.

The District Fire station at Howrah remains the same, and I regret to say that it is situated in an exceptionally unhealthy position. I trust that arrangements will be made for it to be re-built on a more central and healthy site.

Negotiations are now in progress with the Commissioners for the Port of Calcutta to erect a District station at the Kidderpore Docks. This station will primarily protect the docks, but will also respond to the calls in the Kidderpore, Watgunge and Garden Reach areas, also to other districts when required. It is suggested that this station shall be equipped by men of the Calcutta Fire Brigade, which will obviate the necessity for the Commissioners of the Port of Calcutta maintaining a fire staff of their own.

When this station is erected it is proposed to vacate the existing Fire Stations at Garden Reach and Watgunge.

For the protection of the districts of Sova Bazar, Darmahata, etc., it is hoped that arrangements will be made to provide a Fire station in this area which comprises very severe fire risks.

A Fire station in this area as proposed will be of great value as it will work in conjunction with the District Fire station at Chitpur and undoubtedly will considerably improve the efficiency of the work of the Fire Brigade, especially in the northern end of the town.

8. Staff.—The total strength of the Fire Brigade is 221, and notwithstanding the large increase of work the Fire Brigade is called upon to do, the number of the fire-fighting staff remains practically as it was seven years ago.

The general conduct and discipline has been good. A large number of changes have necessarily taken place owing to men proceeding on active service.

During the past few years the Brigade has been very short-handed, and the strain on the men at times has been considerable. It is now hoped that, on demobilisation, a suitable class of men will again be enlisted in the Fire Brigade.

Further it is hoped that as new Fire stations are erected the strength of the Fire Brigade will be adequately increased. The existing establishment is insufficient for the work, and makes little provision for leave and sickness.

A revised scale of pay is now before Government. Unfortunately the pay has not increased in ratio to the cost of living, and an enhancement of salaries will be much appreciated by all ranks. The present scale compares unfavourably with that offered by private concerns and accounts for a large number of changes of personnel in the Brigade.

The following is the present scale of pay up to the rank of station officer :—

				Rs.
Station officers	...	...	...	250—15—325 per month.
Ditto	...	...	...	200—10—250 ditto.
Engineers	...	...	...	150—10—200 ditto.

(One engineer receiving a personal allowance of Rs. 50 per month for being in charge of workshops.)

Firemen	...	...	...	Rs.	125—5—150 per month.
Tindals	...	...	...	(4)	35 per month.
Do	...	...	...	(5)	30 ditto.
Do	...	...	...	(6)	25 ditto.
Khalasies	...	...	...	(25)	20 ditto.
Do.	...	...	...	(100)	18 ditto.
Do.	...	...	...	(20)	16 ditto.

Under Government order No. 638 T.M., dated 27th August 1918, a storekeeper has been sanctioned and has been entertained from the 1st November 1918. The pay of the syces has been increased to Rs. 12 under Government order No. 2385 M., dated 23rd September 1918.

9. **Fatalities and Accidents.**—Short details of fires and calls involving loss of life and accidents are given in Appendix XIV.

I am glad to be able to report that the members of the Calcutta Fire Brigade have been remarkably free from serious accidents, especially when considering the dangerous nature of the work involved at fires in jute presses, warehouses, etc., where, owing to expansion of jute when wet and buildings of inferior construction, walls so rapidly collapse, often with very little warning.

The most serious accident to a member of the Fire Brigade occurred on March 9th at the Canal Jute Press, Chitpur, when engineer Tucker had the misfortune to fall through a hole in the roof. Engineer Tucker had been engaged in demolishing dangerous walls, and in stepping backwards on to the roof he fell down about 22 feet. He was fortunate in receiving injuries to his right arm only. The position of Engineer Tucker was for a time extremely dangerous as the walls surrounding him were almost on the point of falling. Engineer Tucker was quickly conveyed to a safe position and a very few minutes after this the walls collapsed.

The total number of fatalities during the year are 10 as compared with 7 in the previous year. Of these 6 are cases of suicide by burning.

First aid has been rendered in numerous cases by the Fire Brigade with the materials carried on the fire appliances.

10. **Horses.**—No change has been made in the horses. Sixteen are in commission, but on arrival of additional motor fire appliances it is hoped to cut down this number. But for the difficulty in obtaining motor fire appliances due to the war the motorisation of the Brigade would probably have been effected before this.

11. **Water-supply.**—For the purpose of reporting on the water-supply the area protected by the Fire Brigade must be divided into four districts, viz., the city of Calcutta, Chitpur, Howrah and Garden Reach and Maniktala.

The water for fire-extinguishing is supplied throughout the city of Calcutta by means of mains and hydrants on the unfiltered water system. In cases of necessity arrangements are made to give connection to a small number of the filtered water mains.

In several instances the water-supply in Calcutta has been found inadequate and hydrants have been found out of order. However, the Water department is making endeavours to improve the supply, but much remains to be done. Unfortunately in Calcutta the waste of unfiltered water is excessive, principally through hydrants being opened by unauthorised persons and taps left running. If stricter supervision could be exercised over these points improvement may be effected. In cases where it has been found that the mains are too small estimates have been put up to the Corporation for increasing the size of the mains, but owing to the shortage of pipes little progress has been possible in this direction.

Another difficulty in connection with the unfiltered water-supply is the large amount of shells, stones, etc., which have accumulated in the mains. When there is any extra flow, such as occurs at a fire, these foreign substances very frequently choke the hydrants in use, and consequently during the progress of a fire sometimes it is necessary to remove a fire engine to a fresh hydrant, which of course entails much delay.

So far as Chitpur is concerned a really dangerous state of affairs exists and the time is rapidly approaching when the Fire Brigade will be powerless to deal with fires in this district, as no mains are provided for fire extinguishing, and the ponds, which have up to the present been relied upon for providing water for fire extinguishing, are rapidly being filled up on sanitary grounds.

The Chitpur district comprises an exceedingly important industrial area, and it is hoped that early arrangements will be made to provide an adequate water-supply.

Now that hostilities have ceased and it is possible to provide a new pumping plant for the Mullick Ghat pumping station (Calcutta), the suggestion is made that the existing pumping machinery at Mullick Ghat should be reinstated at the north end of Calcutta and mains laid throughout Chitpur area so that the benefit of this machinery can be extended to the industrial areas in the Cossipur-Chitpur municipality. The supply of water will also be available for sanitation and road-watering.

The same remarks apply to Howrah. Undoubtedly serious fires in either of the above districts must result as a consequence of the utterly inadequate water-supply.

Owing to the lack of water in certain parts of Howrah the Fire Brigade is unable to cope with fires such as may occur and extreme difficulty will be experienced in preventing such fires from unduly spreading, especially as the existing fire-float belonging to the Port Commissioners cannot approach near to the shore owing to its deep draught. I understand, however, that a scheme for installing an unfiltered water-supply throughout Howrah is now under consideration.

Garden Reach and Maniktala, although not so congested as the above districts, have no system of water-supply and again in these areas tanks are continuously being filled up.

At present the floating fire-engine belonging to the Commissioners of the Port of Calcutta is utilised at practically every fire within reasonable reach of the river and where mains are not provided.

In many cases in order to converge the necessary number of streams of water at fires as many as one to two hundred lengths of hose, each of 75 feet, have had to be used. It will be realised that tackling of fire under this condition takes an excessive amount of time and a large percentage of the efficiency of the streams of water is lost owing to friction of hose.

Owing to the districts which are so inadequately provided with water the pumping plant and hose of the Fire Brigade will have to be materially increased in the near future. In many instances it will be necessary to utilise fire-engines in relays to obtain the requisite water pressure at a fire, and as has been before pointed out, the conditions are becoming considerably worse as ponds are filled up.

The provision of fire mains, especially in industrial areas, requires urgent consideration.

The fire-float still remains under the control of the Port Commissioners, but it is used by the Fire Brigade on all occasions when required for extinguishing fires on, or near the banks of, the river. The question of transfer of the control of the fire-float to the Fire Brigade is now before Government, and it is hoped that this question will be settled shortly, as efficient co-operation in working is not obtained owing to dual authority and training and insufficient crew to man the fire appliances of the fire-float.

It is hoped that arrangements will be made to expedite the delivery of the fire-float now on order by the Port Commissioners as increasing reliance has to be placed on floating pumps to supply water for land fire-engines at fires in the vicinity of the river; in fact in many cases now it is practically the only means of water-supply.

For several years past it has been pointed out that the existing fire-float is inadequate. It is very old, slow steaming, deep draught, insufficient pumping capacity, and frequently out of repair.

I have to thank the officers of the Water Works department of the Calcutta Corporation for their endeavours to improve the water-supply and for their attention to the various complaints which have been made.

12. Street Fire Alarms, Telephones and Electrical communications.—

Appendix II shows the means by which fire calls have been transmitted to the Fire Brigade.

Whilst it is satisfactory to note that many serious fires have been averted owing to the facilities installed for calling the Fire Brigade quickly, there have also been several cases where fire alarms have not been operated as quickly as they ought to have been, notably at the fire which occurred at the Theatre Royal, and various fires at Chitpur. However, the public no doubt are increasingly appreciating the Fire Alarm system, and the following figures show that considerable benefit has been derived therefrom.

In 224 cases calls were received by one or more fire alarms only, and in 57 cases calls were received first by fire alarms and followed by other means of calling the Fire Brigade.

In 182 cases calls were received by one or more public telephones only, and in 31 cases calls were received first by public telephone, and followed by other means of calling the Fire Brigade.

In 22 cases calls were received from firemen on "look-out" duty only, and in five cases calls were received first from firemen on "look-out" duty and followed by other means of calling the Fire Brigade.

In 17 cases calls were received by messengers only, and in two cases calls were received first by messengers and followed by other means of calling the Fire Brigade.

Street fire alarms were actually used to call the Fire Brigade on 315 occasions, either as the primary or subsequent means as above. This is about 59 per cent. of the total number of calls.

Arrangements are being made for all places of public amusement, etc., to be in direct telephonic communication with the Fire Brigade, and by this means it is hoped that in all cases of theatre-fires very early information will be received by the Fire Brigade.

My thanks are due to the Bengal Telephone Company for their efficiency in keeping the Fire Alarm system and telephones in good working order, and for their continuous interest in all matters appertaining to the Fire Brigade work.

Appendix XVI gives the position of street fire alarms in commission. There are now 125 in use.

13. Inspection Department, Theatres and places of public amusements.— Much work has been done in endeavouring to safeguard the public in places of public amusement, but I regret to state that owing to the inadequate penalty clause contained in the bye-laws, satisfactory progress has not resulted. However, this question is now before Government, and it is hoped to get the matter on a satisfactory basis before long.

In connection with the Licensed Warehouse and Fire Brigade Act (I of 1893), during the year under review 3,935 inspections have been made (exclusive of theatres and places of public amusement).

Three hundred and sixty-four applications for licenses and complaints have been received and disposed of.

One hundred and twenty-seven prosecutions were instituted under section 14 of Act I of 1893, which resulted in 115 persons being fined, two persons being warned, four cases being withdrawn or filed, and six cases pending, the accused persons being absent.

Two licenses were refused as the sites were not considered suitable and in conformity with the requirements from the Fire Brigade point of view.

14. General.—The year under review has been an exceedingly busy one, and owing to the shortage of men a very large amount of additional work has fallen upon the senior members of the Brigade. Great credit is due to these officers as by carrying out such extra work the Fire Brigade has been enabled to spare a large percentage of men for service on the various fronts.

Now that hostilities have ceased it is hoped that the full complement of European officers and firemen will soon be obtained.

On the occasion of the riots which commenced on the 9th September 1918 the Fire Brigade was continuously on duty for a very large number of hours—no less than 17 calls being received and dealt with during the above period.

As will be seen from Appendix IX, giving short reports of the most serious fires, the month of March was notable for a large number of serious jute and other fires. It is very unsatisfactory to note that in many of these cases there was great delay in calling the Fire Brigade, often the first information of a fire being obtained by a fireman on "look-out" duty who saw volumes of smoke rising into the air. In the case of jute fires it is impossible to do efficient work unless the Fire Brigade is called immediately as fires of such material spread with exceptional rapidity. It is satisfactory, however, to note that in every case of jute fires the fires have been confined to the godowns in which they originated.

15. Jurisdiction.—The Calcutta Fire Brigade protects the municipalities of Calcutta, Cossipur-Chitpur, Howrah, Maniktala and Garden Reach, and may attend fires outside the boundaries of these municipalities (but not exceeding a radius of six miles from the Central Fire Station), provided that appliances can be spared and on payment of a prescribed fee. Appendix XIX gives the Government order relating to this and the form which should be signed prior to the Fire Brigade leaving the jurisdiction of the above municipalities.

The actual area protected by the Calcutta Fire Brigade is just over 113 square miles, and the population included in the same is about 1½ millions.

16. Map.—For economical purposes the map usually inserted in this report, showing the situation of fire stations, fire alarms, etc., and where fires have occurred is omitted, but it is hoped to resume this next year.

17. Ambulance Service.—The motor ambulance service continues to do an immense amount of valuable work, no less than 8,792 calls having been received during the year under review as compared with 3,643 calls in the previous year. The number of miles travelled by motor ambulances during the year is 43,039 as compared with 18,849½ during the previous year.

Since the inauguration of the ambulance service 14,804 calls have been received and the machines have travelled 75,489 miles.

On 5th September 1918 a Hupmobile motor ambulance was purchased and two drivers and four attendants employed. This machine deals exclusively with infectious cases and has already responded to 675 calls and travelled 4,247 miles. These figures are not included in the figures in the preceding paragraph, which refer only to accidents and cases of illness.

On the occasion of the riots on the 9th September 1918 the ambulance service was extremely busy and received no less than 176 calls during the period referred to. A considerable amount of work was also carried out on the occasion of the outbreak of cholera which took place on the occasion of the return of the pilgrims from the Saugor Mela.

Unfortunately the use of the motor is considerably abused. It was originally intended that motor ambulances should be available for all cases of accidents and serious illnesses necessitating urgent removal to hospital, but owing to the fact that the ambulance is now so frequently called for petty cases of illness, not really necessitating the use of ambulance, it is anticipated that an order will have to be issued prohibiting ambulances responding to calls for cases of illness unless they are requisitioned by a medical man, nurse or responsible person.

Owing to so many unnecessary calls it has been found that frequently all the motor ambulances have been engaged on such work and have therefore not been available for urgent cases, such as accidents, etc. If it is required to continue to respond to all calls for cases of illness as at present, the only alternative is to considerably increase the number of appliances and staff, the present machines being totally inadequate to cope with the work. There are now four motor ambulances in commission, one of which is now used for infectious cases only, and the staff comprises six drivers and 12 attendants.

The infectious ambulance has been much in demand and will shortly have to be augmented by another machine and crew, as, owing to the large number of calls for this machine, considerable delay often occurs in moving infectious cases of illness to hospital.

Appendix XXII gives the scale of charges for the use of the motor ambulances, and Appendix XXI gives the number of calls received every day and month throughout the year.

The Ambulance department is financially maintained by Government and the Corporation of Calcutta, the former paying one-third and the latter two-thirds of the cost of up-keep. Appendix XX gives a statement of receipts and expenditure incurred by the motor ambulance service.

N.B.—Some of the appendices referred to in the above report are not reprinted in the Gazette.

APPENDIX I.

Statement showing receipts and expenditure of the Fire Brigade for 1918-19.

The year opened with a balance of Rs. 96,516-8-1 and the receipts amounted to Rs. 2,59,620-12-6 and the total expenditure to Rs. 2,68,837-10-5, leaving a balance of Rs. 87,299-10-2 at the close of the year.

RECEIPTS.

The receipts show an increase of Rs. 2,813-12-6 over the estimate. The credits on account of hire of engines, etc., in connection with calls outside the Brigade jurisdiction amounted to Rs. 2,648-12. The fees under the Petroleum Act and Fireworks show an increase of Rs. 825 and Rs. 30, respectively, over the estimate.

EXPENDITURE.

Under head "Establishment" there was a decrease of Rs. 3,382-7-4 due to the non-debits of the Chief Officer's pay for nearly two months owing to his being on deputation to Mesopotamia and to the leaves and vacancies in the grades of the European firemen and khalasis.

The total expenditure under head "Contingencies" amounted to Rs. 1,54,127-12-6 against a budget grant of Rs. 2,25,987, showing a decrease of Rs. 71,859-2-6. The savings include Rs. 41,738 provided in the budget for the purchase of (i) a combined appliance including fire escape, first-aid cylinders and pumps, (ii) a motor fire-engine with Rees' Rotarbo pump and Rs. 30,000 for the construction of the headquarters station which remained unexpended at the close of the year.

Under head "Other charges" there was an increase of Rs. 272-4-3 due to the increased expenditure on water pressure.

Abstract of Receipts and Disbursements of the Fire Brigade Fund for the year ending 31st March 1919.

RECEIPTS.	Budget estimate for 1918-19.	Actual receipts for 1918-19.	Increase.	Decrease.	PAYMENTS.	Budget estimate for 1918-19.	Actual charges for 1918-19.	Increase.	Decrease.
Balance at the beginning of the year.	Rs. 96,516 8 1	96,516 8 1	...	...	Establishment ...	Rs. 1,03,686	1,02,802 8 8	...	3,882 7 4
Proportionate cost payable by—					Contingencies ...	2,25,987	1,54,127 12 6	...	71,859 2 6
Corporation of Calcutta.	1,65,150	1,65,150 0 0	...	...	Other charges ...	12,135	12,407 4 3	272 4 3	...
Cossipur-Chitpur Municipality.	40,652	40,652 0 0	...	...			
Howrah Municipality.	35,571	35,571 0 0	...	...			
Garden Reach Municipality.	7,622	7,622 0 0	...	...			
Maniktala Municipality.	5,082	5,082 0 0	...	...			
Total ...	2,54,077	2,54,077 0 0	...	...		3,48,807	2,68,837 10 5	272 4 3	70,361 9 10
Under Fireworks	30	60 0 0	30 0 0	...					
under Petroleum Act.	1,600	2,325 0 0	825 0 0	...					
Total ...	1,630	2,325 0 0	825 0 0	...					
Proceeds of unremovable stores.	500	192 11 0	...	306 5 0	Closing balance on 31st March 1919.	...	87,299 10 2		
Miscellaneous ...	500	2,688 14 6	2,386 14 6	...					
Proceeds of horses	500	75 3 0	...	121 18 0					
Total ...	1,200	3,158 12 6	2,846 14 6	429 2 0	GRAND TOTAL ...	...	3,156 187 4 7		
GRAND TOTAL ...	2,59,620	3,51,137 4 7	3,341 14 6	429 2 0					

Payment by Municipalities.

		Per cent.	Rs.
Corporation of Calcutta	...	65	1,65,150
Cossipur-Chitpur Municipality	...	16	40,652
Howrah	"	14	35,571
Garden Reach	"	3	7,622
Maniktala	"	2	5,082
Total	2,54,077	

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APPENDIX II.

Summary showing means by which calls were transmitted to the Fire Brigade.

Month.		Total calls.	Street Fire Alarms.	Private Telephones.	Police Telephones.	Messengers.	Look-out men at Fire Brigade Stations.
April	1918	78	34	34	5	3	2
May	"	63	33	25	1	1	3
June	"	34	14	20	...	1	...
July	"	31	16	13	1	1	...
August	"	30	15	14	...	1	...
September	"	58	32	24	...	1	...
October	"	53	24	22	3	2	2
November	"	76	31	39	2	1	3
December	"	107	47	51	3	3	3
January	1919	77	38	31	1	1	6
February	"	93	30	49	1	3	10
March	"	125	47	65	2	2	9
Total	...	825	361	387	19	19	39

APPENDIX III.

Statement showing the number of fires or supposed fires occurring in each district.

Month.	Calcutta.	Cossipur and Chitpur.	Howrah.	Maniktala.	Garden Reach.	River Docks and Canals.	Out of jurisdiction.	Total.
April	1918	44	4	5	1	2	1	59
May	"	31	4	3	...	2	...	40
June	"	16	...	2	...	...	1	19
July	"	18	...	5	...	4	...	27
August	"	19	1	4	1	1	...	26
September	"	31	2	1	3	1	...	38
October	"	27	5	3	2	1	...	38
November	"	37	4	6	...	1	1	50
December	"	38	2	7	4	1	2	54
January	1919	40	5	3	2	1	2	53
February	"	47	5	5	2	...	1	60
March	"	58	9	5	2	1	1	76
Total	...	406	41	49	17	7	16	540

APPENDIX IV.

Statement showing the number of fires or supposed fires on every day and month throughout the year.

Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
1918.																																
April	3	2	2	2	2	1	4	2	8	4	3	1	2	1	2	1	3	1	1	1	2	1	1	1	1	1	1	1	1	1	1	
May	4	2	2	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
June	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
July	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
August	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
September	1	1	1	1	1	1	1	1	7	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
October	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
November	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
December	1	2	4	4	1	3	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1919.																																
January	2	3	3	4	3	2	1	1	1	1	2	1	1	2	1	1	2	1	1	1	2	1	1	1	2	1	1	1	1	1	1	
February	2	5	3	3	2	3	2	2	2	2	3	2	2	3	2	1	1	1	1	2	1	1	1	2	1	1	1	1	1	1	1	
March	3	2	2	2	3	2	2	2	4	2	2	1	1	4	3	3	1	1	4	3	2	3	2	1	4	2	2	1	1	1		
Total	18	12	16	18	25	26	16	14	22	28	17	19	14	16	22	21	17	14	13	16	19	7	14	14	19	27	26	14	11	21	10	

APPENDIX VI.

Statement showing the damage caused by fire, etc., in the various districts

Month.	Total.	Calcutta.	Coochpur and Chittpur.	Howrah.	Garden Reach.	Mankatala.	Docks, Rivers and Canals.	Not included in the fore- going Head- list but within a radius of 6 miles of the Fire Brigade headquarters.	
								Rs. ^a	Rs.
April 1918	... 1,82,138	16,353	95,005	780	20,000	...	...	...	...
May	... 2,02,828	2,793	200,000	20	...	...	15	...	...
June	... 2,20,302	20,297	...	5	...	...	...	...	2,00,000
July	... 7,912	1,807	...	5,010	...	...	1,095	...	...
August	... 9,616	5,756	...	1,810	...	50	2,000	...	...
September	... 31,175	30,665	...	10	...	500	...	...	...
October	... 62,694	8,721	53,20	250	...	102	...	...	...
November	... 5,576	2,531	350	560	100	...	35	2,000	...
December	... 32,218	21,791	10	135	100	152	10,030	...	...
January 1919	... 2,04,894	1,02,699	1,00,515	160	300	120	1,100	...	...
February	... 14,068	10,868	20	1,170	...	2,010	...	...	...
March	... 6,26,853	46,067	5,76,056	3,520	50	160	1,000	...	...
Total	... 15,50,274	2,70,348	10,25,576	13,480	20,550	3,095	15,275	...	2,02,000

APPENDIX VIII.

Summary showing the means by which fires were extinguished.

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APPENDIX IX.

Short reports of fires of Rs. 1,000 damage and upwards.

Date.	Time of call.	Address.	Trade.	Extinguished by—	REMARKS.
1919.					
3rd April ...	11-18 A.M.	Bengal Hydraulic Jute Press.	Jute Warehouse.	Three Motor Fire Engines.	A brick built double-storied warehouse utilised for storing and assorting jute. Building damaged by fire. Contents comprising pucca bales of jute severely damaged by fire and water.
4th ...	9-50 A.M.	Calcutta Hydraulic Jute Press.	Ditto ...	Sprinklers ...	A large two-storied brick built warehouse containing baled and loose jute. Building slightly damaged and contents severely damaged by fire and water.
9th ...	8-30 A.M.	88-90-16, Gera-chand Road.	Dwelling house	Two Motor Fire Engines.	A number of large <i>golpatra</i> huts 28 carts of straw and some personal property severely damaged by fire and water.
10th ...	2-1 P.M.	Bengalee Bazar	Ditto, etc.	Two Motor Fire Engines and one Steam Fire Engine.	A large number of <i>golpatra</i> huts used as dwelling houses and workshops, three carriages and personal property severely damaged by fire and water.
11th ...	4-12 P.M.	Bengal Mill. Cotton	Cotton Warehouse.	Two Motor Fire Engines and private appliances.	Quantity of cotton in bags and loose cotton waste in a corrugated iron shed.
12th ...	10-36 P.M.	Bellaghatta Jute Mill.	Jute Mill ...	Ditto ...	A quantity of loose jute, boblines and bails of twine in the preparing department. Building not damaged.
13th ...	8-41 P.M.	Empire Theatre	Theatre ...	One Motor Fire Engine.	About 125,000 feet of biroscope films, quantity of cartons, switches, etc., severely damaged by fire and water. Building slightly damaged.
14th May ...	10-31 A.M.	Chitpur Hydraulic Jute Press.	Jute Press ...	Three Motor Fire Engines.	A brick built two-storied warehouse about 28' x 80' with wooden floors divided into several compartments used for assorting and storing loose baled jute. Contents of upper floor consisting of about 26,000 of loose jute and on the ground floor about 4,100 pucca bales of jute. Building severely damaged. Considerable portion of roof and walls collapsed and contents were severely damaged by fire and water. The first information the Fire Brigade received of the fire was from a man on look-out duty at a district station and considerable difficulty was experienced in obtaining sufficient water.
15th May ...	2-15 A.M.	143, Dharamtolla Street.	Shop and dwelling house.	One Motor Fire Engine.	A two-storied brick built building comprising general shop on ground floor and dwelling rooms above. Fire confined to ground floor. Building slightly damaged and contents consisting of typewriters, gramophone, etc., slightly damaged by fire and water.
16th ...	7-15 A.M.	82, Serpentine Lane.	Shop, ...	Hydrants ...	Contents of ground floor of two-storied brick built building consisting of cinematograph films, gramophones, furniture, etc., severely damaged by fire and water.
5th June ...	2-30 A.M.	87, Strand Road	Warehouse ...	One Motor Fire Engine and street hydrants.	A two-storied wooden and galvanised iron warehouse containing rice, grain, oilseed and oil; etc. Building severely damaged by fire and water. A galvanised iron warehouse about 78' x 60' containing tobacco, slightly damaged by fire and water. Difficulty with water supply owing to obstructions in mains.

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Date.	Time of call.	Address.	Trade.	Extinguished by—	REMARKS.
1918, 9th May	... 10-15 A.M.	Barnagore North Mill.	Jute Mill	Two Motor Fire Engines, 1 Steam Fire Engine, Fire Float and private appliances.	A brick built godown about 250' x 150', containing a large quantity of pucca bales of jute and gunny. Contents severely damaged by fire and water. Building, roof and walls partly collapsed. Adjoining warehouse divided into wall badly cracked and contents slightly damaged.
5th July	... 11-10 A.M.	SS. "Umkuhi"	Ship	Fire Float and ship's hose.	Quantity of coal in bunkers.
17th ..	... 4-45 P.M.	Sibpur Oil Mill ...	Oil Mill	One Motor Fire Engine and one Steam Fire Engine	A corrugated iron shed about 200' x 25' containing oil distilling plant and about 400 mounds of linseed oil. Building and contents severely damaged by fire and water.
24th ..	... 5-50 P.M.	Central Hydraulic Jute Press.	Jute Press	Sprinklers ...	A quantity of loose jute and pucca bales damaged by fire and water.
7th August	... 2-15 A.M.	29, Benares Road, Howrah.	Oil Mill	One Steam Fire Engine.	A quantity of linseed oil and fitting of oil refinery in corrugated iron shed. Buildings and contents severely damaged by fire and water.
19th ..	... 5-55 A.M.	SS. "Querimba"	Ship	Ship's appliances and first aid machines.	A quantity of mustard oil in tins in No. 4 hatch damaged by fire and water. Ship not damaged. Cause probably spontaneous combustion of gunny bags and saw dust used for dunnage and had been in contact with the oil.
28th ..	... 12-1 A.M.	159, Lindsay Mansions.	Cinematograph film store.	Hydrants	A quantity of biroscope films on the ground floor of a four-storied brick built building. Building not damaged.
9th September	5 P.M.	171, Harrison Road.	Chemists' shop	Ditto	Contents of chemist's shop considerably damaged by fire and water. Building not damaged. Cause believed to be incendiarism by rioters.
9th ..	6-30 P.M.	41, Armenian Street	General Warehouse.	One Motor Fire Engine.	A quantity of cloth, blankets, carpets, etc. on the ground floor of a three-storied pucca building considerably damaged by fire and water. Building not damaged. Cause believed to be incendiarism by rioters.
9th ..	7-50 P.M.	101, Armenian Street.	Rice Grain Warehouse.	Hydrants	A quantity of grain on the ground floor of a two-storied pucca building. Building slightly damaged and contents considerably damaged by fire and water. Cause believed to be incendiarism by rioters.
10th ..	1-2 P.M.	36-5, Machuabazar Street.	Grain Warehouse.	Do	A quantity of grain and dynamo on the ground floor of a brick built building. Cause believed to be incendiarism by rioters.
17th October	... 8-5 P.M.	18, Convent Road	Chemical Factory.	Two Motor, Fire Engines.	A large hut used for the manufacture of chemicals, containing a large quantity of saltpetre and various chemicals damaged by fire and water. Considerable difficulty was experienced owing to the inadequate supply of water from mains.
28th ..	8-7 P.M.	Shellac Factory, Chittpur.	Shellac Factory.	Two Motor Fire Engines, one Steam Fire Engine and private fire appliances.	A galvanised iron building about 107' x 70' divided by brick building walls rear portion of the upper floor, the whole containing stick lac and small quantity of shellac severely damaged by fire and water. A brick built two-storied building connected to the above by wooden gangways containing machinery for cleaning shellac, etc., slightly damaged by fire and water. A brick-built office connected to the above slightly damaged by fire and water. The first information received by the Fire Brigade was from a man on look-out duty at a District Fire Station. Nearest available water-supply over 200 yard from fire.

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Date.	Time of call.	Address.	Trade.	Extinguished by—	REMARKS.
1918. 25th October ...	7-10 P.M.	5, Umakanta Sen Lane, Chitpur.	Chemical Warehouse.	Private fire appliance.	A quantity of cotton and a dynamo in a single-storied pucca building used for repairing anesthetic pressings damaged by fire and water.
26th November	9-30 P.M.	Garia Road ...	Shops	... One Motor Fire Engine.	A large <i>golputta</i> thatched but divided into two shops, containing spiccs, tar and pitch, severely damaged by fire and water.
27th "	2-29 A.M.	18, Ultadanga Road.	Rope Manufactory.	Three Motor Fire Engines and one Steam Fire Engine.	A galvanized iron shed about 50' x 30' containing coir and green rope. Building and contents severely damaged by fire and water. Considerable difficulty owing to the inadequate water-supply in mains.
3rd December	12-26 P.M.	143-8, Sova Bazar Street.	Jute Warehouse.	Three Motor fire Engines and Fire Float. Hydrants.	A two-storied brick built building divided into about six compartments used for storing jute. Fire confined to room of origination. Building slightly damaged and contents severely damaged by fire and water.
5th " ...	6-45 P.M.	18, Bellaghata Road.	Carpenter and joiner shop.	One Motor fire Engine and one Steam Fire Engine.	A carpenter and joiner shop consisting of a two-storied corrugated iron building about 30' x 30' containing rattan cane, cotton, coir, etc., severely damaged by fire and water; building slightly damaged by fire.
9th " ...	10-30 A.M.	107, Wellesley Street.	Shops	... One Motor Fire Engine and Hydrants.	A coach builder's shop constructed of tiled roof, darma mat walls about 16' x 16' severely damaged by fire. Contents comprising various materials severely damaged by fire and water.
9th " ...	10-30 A.M.	188, Bellaghata Road.	Dwelling huts	Three Motor Fire Engines one Steam Fire Engine and Hydrants.	Three grain shops constructed of tiled roof and darma mat walls. Building and contents consisting of grain damaged by fire and water.
28th " ...	11-19 A.M.	188, Bellaghata Road.	Dwelling huts	Three Motor Fire Engines one Steam Fire Engine, Fire Float and mains.	Six dwelling huts and one tea-shop slightly damaged by fire and water. Difficulty was experienced with the water-supply owing to hydrants being out of order.
29th " ...	1-14 A.M. ...	S.S. "Chosen Maru"	Ship	... Two Motor Fire Engines one Steam Fire Engine, Fire Float and mains.	A quantity of huts divided into shops and dwellings covering an area of about 230' x 200' severely damaged by fire and water. Very late call for Fire Brigade and considerable difficulty in checking fire owing to inadequate water supply.
31st " ...	6-41 P.M. ...	Shapur Bustee ...	Shop, stores, etc.	One Motor Fire Engine.	About 2,000 bales of jute stored in Nos. 3 and 4 holds severely damaged by fire and water. Ship slightly damaged.
1919. 2nd January ...	4-48 A.M. ...	Theatre Royal ...	Theatre	... Three Motor Fire Engines and hydrants.	About six large <i>golputta</i> huts and quantity of store, chaff cutters severely damaged by fire and water. No water could be obtained from the mains, therefore the Fire Engine had to be worked from a pond at a considerable distance from the fire.
					The building constructed partially of timber and corrugated iron roof—brick work up to first floor, brick proscenium wall and brick walls for stage completely gutted.
					Grand Hotel adjoining two sides slightly damaged by fire and water.
					Three-storied brick built building used as warehouse for ammunition, etc., on ground floor and two upper floors used as residential quarters slightly damaged by fire and water and verandahs burnt away.
					The fire was practically confined to the building in which it originated.
					The first information the Fire Brigade received of the fire was from the look-out man on duty at Fire Brigade headquarters who saw flames coming through the roof.
					A fire alarm is situated within 50 yards of the fire, but was not operated until some minutes after the alarm had been given by the look-out man.

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Date.	Time of call.	Address.	Trade.	Extinguished by—	REMARKS.
1919.					
9th January	3-58 A.M.	224, Cornwallis Street.	Stable and store room.	Two Motor Fire Engines.	Stabling and store room in the ground floor of pucca building severely damaged by fire and water. Two cows, one calf and one horse suffocated.
15th "	8-10 P.M.	Strand Bank Jute Press.	Jute Press ...	Three Motor Fire Engines, two Steam Fire Engines, and one Valiant Fire Float.	A single-storied brick built warehouse about 400' x 300' divided into two compartments and containing bales of jute and hemp. Building severely damaged, walls including dividing walls, partially collapsed and roof partially collapsed. Contents severely damaged by fire and water. First call of the fire was received from the look-out man at the District Fire Station. Water supply was very inadequate and tank in the compound was emptied by a Motor Fire Engine.
18th "	7-42 P.M.	Cargo boat on river Hooghly.	Boat ...	Fire Float ...	A country boat laden with jute on river Hooghly near Ramkrishna Ghat damaged by fire.
4th February	4-38 A.M.	7, Nawab Abdul Latif Lane.	Shops and dwelling rooms.	One Motor Fire Engine.	A large single-storied kutchha erection of timber and dymna matting divided into four shops and 16 dwelling rooms severely damaged by fire and water. A late call was received by the Fire Brigade.
6th "	6-31 A.M.	29, Sura 1st Lane, Maniktala.	Drying shop ...	Ditto ...	A brick-built drying room with timber and stone roof damaged by fire and water. Contents consisting of wooden fittings and blue stones severely damaged by fire and water.
9th "	5-36 P.M.	164, Dharamtolla Street.	Garage ...	Ditto ...	A single-storied brick built shop containing motor accessories, comprising petrol, oil, tyres, vulcanising machine, etc. Building slightly damaged by fire and contents severely damaged by fire and water.

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APPENDIX XII.

**Statement showing the number of times each station has been turned out
in response to fire calls.**

STATION.	1	1918.												1919.					Total.
		April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	January.	February.	March.	14		
Headquarters	...	47	37	15	26	24	36	37	48	54	51	52	75	502					
Entally	...	13	8	7	6	8	18	15	16	24	18	25	29	187					
Chitpore	...	8	6	2	2	1	2	6	7	3	7	8	13	65					
Howrah	...	5	3	2	5	3	1	3	6	7	4	5	6	50					
Watgunge	...	2	2	...	...	...	...	1	...	...	1	1	1	7				
Garden Reach	...	2	1	...	...	...	...	1	1	3	2	1	1	12				
Sibpur	...	1	1	1	1	...	1	...	2	4	...	...	2	12				
Palmer's Bridge	...	4	1	...	...	...	1	...	2	7	1	3	3	22				
Fire Float	...	1	1	3	...	...	...	...	...	...	1	...	3	9				
Port Commissioners' Fire Engine.	2	..	...	...	...	2	...	...	...	...	4					
Total	...	81	60	28	45	36	59	63	82	104	84	95	133	870					

APPENDIX XIII.

**Disposition of the Staff of the Calcutta Fire Brigade during the year
1918-19.**

STATION.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	Total.
Headquarters	...	1	—	1	2	6	1	7	3	1	2	10	13	13	...	6	1	1	1	1	3	3	1	3	1	79
Entally Fire Station	...	—	—	—	1	1	—	—	—	1	3	3	20	5	2	5	1	1	—	—	—	—	—	—	—	43
Howrah ditto	...	—	—	—	1	1	—	—	—	1	—	2	16	1	1	2	—	1	—	—	—	—	—	—	—	27
Chitpore ditto	...	—	—	—	1	—	—	—	—	1	1	—	7	13	1	1	2	—	1	—	—	—	—	—	—	26
Garden Reach Fire Station	...	—	—	—	—	—	—	—	—	1	—	1	9	—	—	—	—	—	—	—	—	—	—	—	—	11
Watgunge ditto	...	—	—	—	—	—	—	—	—	—	1	10	—	—	—	—	—	—	—	—	—	—	—	—	—	11
Palmer's Bridge ditto	...	—	—	—	—	—	—	—	—	—	1	10	—	—	—	—	—	—	—	—	—	—	—	—	—	11
Sibpur ditto	...	—	—	—	—	—	—	—	—	—	1	10	—	—	—	—	—	—	—	—	—	—	—	—	—	11
Total	...	1	1	1	4	6	1	7	4	5	6	25	100	20	4	16	2	4	1	3	3	1	3	1	221	

APPENDIX XIV.

Short reports of fires involving loss of life or serious accidents.

Date.	Address.	Called at—	Lives lost.	Persons injured.	Nature of premises.	REMARKS.
1918.						
1st April ...	27-1, Simla Street	2-25 A.M. ...	1	...	Dwelling house	A Bengalee woman named Promila Bala Devi saturated her clothing with kerosene oil and ignited it. She was found dead on arrival of the Fire Brigade.
6th " " ...	125, Narkeldanga Main Road.	8-9 P.M. ...	...	1	Ditto ...	A Bengalee woman, Kiran Bala, saturated her clothing with kerosene oil and ignited it. On arrival of the Fire Brigade she was found to be severely injured. First-aid was rendered and the woman left under the charge of a doctor.
10th " " ...	Chitpur Road ...	4-10 P.M. ...	...	1	Public street ...	Constable 258, Shew Baran Tewary, of the Calcutta Police Reserve Force burnt on the arm and head. His clothing was ignited by somebody throwing lighted matches. First-aid was rendered.
11th " " ...	66, Alipur Road	1-11 A.M. ...	1	1	Dwelling house	A man named Motichand Das was badly burnt on the body and a woman named Chenu Bala Dasi was severely burnt. First-aid was rendered and injured persons conveyed to hospital. The woman died same day.
2nd May ...	35-4, Durponarain Tagore Street.	1-44 P.M. ...	1	...	Ditto ...	A Bengalee woman named Umasashi Dasi, aged about 22 years, was cooking food. Her clothing became ignited and she was found dead on arrival of the Fire Brigade.
6th June ...	14, Lukhi Dutt Lane.	12-10 A.M.	1	...	Ditto ...	A Bengalee woman, Kamala Dasi, aged 22 years, saturated her clothing with kerosene oil and ignited it. She was found dead on arrival of the Fire Brigade.
13th " " ...	9-1, Waterloo Street.	12-40 P.M.	...	1	Workshop ...	An Indian named Basant Jeswär was very severely burnt. First-aid was rendered and the injured man conveyed to hospital.
14th " " ...	10, Blackburn Lane.	12-24 P.M.	...	1	Shop ...	Owing to the collapse of a three storied brick built building a Chinaman was buried under the débris. He was extricated after about 2 hours' work and was not seriously injured.
18th " " ...	101, Clive Street	2-43 A.M.	...	1	Warehouse ...	Owing to the collapse of a brick built warehouse an Indian was buried. He was extricated after about an hour's work and was not seriously injured.
17th July ...	Sibpur Oil Mill	4-48 P.M.	...	1	Oil Mill ...	The European Manager of the Oil Mill was burnt on the hands and arms in endeavouring to extinguish the fire. First-aid was rendered by the Fire Brigade.
28th August	26, Mussalmanpara Lane.	9-15 A.M.	"1	...	Dwelling house	An Indian woman named Durga Rani, aged about 20 years, saturated her clothing with kerosene oil and ignited it. She was found dead on arrival of the Fire Brigade.
6th December	17-4, Canal West Road.	6-16 P.M.	1	...	Ditto ...	A Mahomedan boy named Shaik Mithu, aged about 7 years, was very badly burnt. First aid was rendered by the Fire Brigade and the injured boy conveyed to hospital, where he died.

SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPT. 10, 1919. 1049

Date.	Address.	Called at—	Lives lost.	Persons injured.	Nature of premises.	REMARKS.
1918.						
10th December	85, Corporation Street.	12-14 A.M.	...	1	Dwelling house	A Bengalee named Upendra Nath Ghouse burnt on the arms and head and legs. First aid was rendered by the Fire Brigade and the injured person conveyed to hospital.
23rd "	133, Bellinghata Road.	11-19 A.M.	1	...	Ditto	An Indian woman named Barie Ilance was severely burnt about the body. Injured person was conveyed to hospital where she subsequently died.
1919.						
2nd January	Theatre Royal ...	4-43 A.M.	...	4	Theatre	At the fire which occurred at the Theatre Royal, the Grand Hotel adjoining was slightly damaged and four persons were burnt whilst escaping along a verandah leading from the Hotel Annexe.
28th "	37, Gurpar Road	1-57 P.M.	1	...	Dwelling house	A Bengalee woman named Santa Devi saturated her clothing with kerosine oil and ignited it. She was found dead on arrival of the Fire Brigade.
4th February	7, Nawab Abdul Latif Lane.	4-08 A.M.	1	...	Ditto	A Mohamedan woman aged about 40 years, was severely burnt and found dead on arrival of the Fire Brigade.
27th "	1, Duff Street ...	6-21 P.M.	1	...	Ditto	A Bengalee named N. N. Saha, aged about 20 years, set fire to his clothing. He was found dead on arrival of the Fire Brigade.
9th March ...	Canal Press, Chittpur.	1-19 P.M.	...	1	Jute Press	Whilst working on the roof of a jute godown fire Engineer Tucker of the Calcutta Fire Brigade fell through an opening. He fell about 22 feet, and received serious injuries to his right arm.
28th "	Convent Road	9-52 P.M.	...	1	Motor car	The driver of a motor car was burnt on the hands and legs in attempting to put out a fire. First aid was rendered by the Fire Brigade.

APPENDIX - XV.

Statement of causes of fires and buildings, etc., involved.

SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPT. 10, 1919. 1051

APPENDIX XXII.

Corporation of Calcutta.

Motor Ambulance Service.

Rules.

1. The use of the motor ambulances is allowed free of charge in Calcutta and its immediate surroundings in the following cases :—

- (i) In all accident cases, and in all labour cases where the parties are poor.
- (ii) In the case of patients suffering from non-infectious diseases who are intended to be treated in hospitals in general indoor wards without payment.
- (iii) In the case of patients suffering from non-infectious diseases who may belong to His Majesty's naval or land forces.
- (iv) In the case of members of the Indian Defence Force whose injuries or sickness may have been caused in the discharge of their military duties.

2. Fees will be charged for the use of the motor ambulances in the following cases at the rates noted against each—

A. In the case of Calcutta residents :—

(i) Where a paying patient is conveyed from his home to a hospital or *vice versa*—

	Rs.
(a) For patients treated in the three Nursing Homes, <i>viz.</i> , the Bengal Nursing Home in Bow Bazar and the two Nursing Homes in Middleton Row and Wood Street, or in the Woodburn Block of the Presidency General Hospital, Turret rooms of the Eden Hospital, larger five-rupee cabins or purdah cottages of the Dufferin Hospital, or in any other hospital or place of treatment on payment of a daily charge of Rs. 5 and above	5
(b) For patients treated in other paying wards of hospitals or other places of treatment on payment of a daily fee of less than Rs. 5 ...	2
(ii) In other than hospital cases, <i>i.e.</i> , where the ambulance is engaged to convey a patient to a railway station, steamer or elsewhere (but not to a hospital) and <i>vice versa</i> , the fee will ordinarily be ... (but the Chief Officer, Fire Brigade, has the discretion to reduce it, if he thinks proper).	5

B. In the case of patients (suffering from non-infectious diseases) outside Calcutta :—
Same rates as in A above, *plus* 8 annas per mile for the distance covered by the ambulance outside the municipal limits both ways.

3. In all cases in which fees are payable, the amount due must be prepaid. The drivers are supplied with a book of vouchers and will give a printed receipt in return for the proper fee.

4. In all accident cases in Calcutta or its surroundings, motor ambulances will turn out on the requisition of any person if there are reasonable grounds to consider the call a *bona fide* one.

Requisitions (which may be verbal or written) for ambulance for conveying patients should be made by a doctor or nurse or other responsible person.

5. The Chief Officer, Fire Brigade, has the option of refusing to send the ambulances (a) outside the municipal limits, (b) in cases within the municipal limits in which he has reason to doubt the *bona fides* of the parties (if other than doctors or nurses) requisitioning.

No. S.2821, dated Calcutta, the 14th August 1919.

From—The Hon'ble MR. J. DONALD, I.C.S., C.I.E., Chairman of the Corporation of Calcutta,

To—The Secretary to the Government of Bengal, Municipal Dept.

I HAVE the honour to submit the following report, under section 41 of Act I (B.C.) of 1893, for the year 1918-19.

During the year under report, the fees under sections 10 and 24 were levied at 10 per cent. on the annual valuation of warehouses, as in the preceding year.

A statement showing the receipts and disbursements of the Licensed Warehouse Fund and a list of jute and other licensed warehouses for the year 1918-19 in a consecutive form are appended.

Licensed Warehouse (Fire Brigade) Fund.**Statement of Receipts and Disbursements during the year 1918-19.***Receipts.*

Particulars.	DEMAND.			COLLECTIONS.			REMITTANCES.			BALANCE.		
	Area.	Current.	Total.	Area.	Current.	Total.	Area.	Current.	Total.	Area.	Current.	Total.
(a) Licence fees levied under sections 10 and 24.	N.H.	Rs. A. 94,910 8	Rs. A. 94,910 8	N.H.	Rs. 93,704	Rs. 93,704	N.H.	Rs. A. 1,206 8	Rs. A. 1,206 8	N.H.	N.H.	N.H.
(b) Supplementary demand for 1917-18 created after 31st March 1918.	N.H.	N.H.	N.H.	N.H.	N.H.	N.H.	N.H.	N.H.	N.H.	N.H.	N.H.	N.H.
(c) Mutation fee levied under section 11.	100	...	...	...	...	...
(d) Rates levied under section 25 (1) (a).
(e) Rates levied under section 25 (1) (b).
(f) Rates levied under section 25 (1) (c).
(g) Fines and Penalties under the Act.	1,109	...	...	...	...	...
(h) Contribution from Government towards the cost of establishment.	2,000	...	...	...	...	...
(i) Contribution from the General Fund.	82,575	...	...	...	...	...
Total	1,80,481	...	...	...	...	...

RS. A.
Total Receipts 1,80,481 0
Less—Refund 1,107 0
Net Receipts 1,79,374 0
Add—Opening balance 45,371 8
Total 2,24,685 8

Disbursements.

RS. A.
(1) Establishment 3,000 0
(2) Contribution to Fire Brigade 1,65,150 0
(3) Any other special item as specified
Total 1,68,150 0
Closing balance on 31st March 1919 56,435 8

SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPT. 10, 1919. 1053

List of Jute Warehouses, 1918-19.

Name of Street.	Street or holding number with the number of warehouses shewn in brackets, when more than one.
Baghbazar Street	1.
Canal West Road	39-2, 3, 4, 42 & 41-A.
Dhaniabagan Road	7-2.
Chitpore Road, Upper	178, 202, 204, 206.
Chitpore Bridge Approach	1.
Ram Krishna Lane	9, 11, 13, 15, 17, 19, 21.
Durga Ch. Mukherji Street	1 & 1-1, 5, 6-6/6, 7, 14, 32, 33, 41, 42, 43, 45.
Gopal Ch. Neogy Lane	1, 4, 20.
Galiff Street	10-1, 22, 25-1, 26.
Shambazar Bridge Road	5.
Ahiritolla Street	1, 3, 4, 4/1-3, 5, 6, 8, 10-3, 169, 170, 172.
Bonomali Sircar Street	10.
Ramdhone Khan Lane	5.
Biprodas Dey Lane	1.
Upper Chitpore Road	243, 244.
Duttapara Lane	11, 12, 14 & 15.
Darmahatta Street	75, 76-2, 77, 77-1, 77-5, 80, 80-1, 81, 82, 85-1, 86, 87, 88, 92, 93, 99, 100, 108, 121, 124, 125, 133, 134, 135, 136 to 136-8, 138, 139, 140, 140/1-5, 140/8-12, 140-14, 141, 142, 143/2-5.
Darmahatta 1st Lane	1, 2, 4, 5, 6.
Galiff Street	1-1.
Hara Ch. Mullick Lane	1, 16, 23, 24.
Mahammed Romzan Lane	14.
Madanmohan Dutt Lane	3.
Hara Ch. Mullick Street	2, 4, 5, 6, 7, 7-1, 9, 10, 11, 12, 13, 13-4, 13-6, 16, 19, 20, 22, 23, 24-1, 25, 27, 28.
Manick Boge Ghat Street	1, 1-1, 3, 17-1, 20-1, 33, 36, 36/1-7, 36-9, 40, 43, 44, 44-1, 46, 47, 48, 49, 50.
Nimtolla Ghat Street	43, 62, 64, 68.
Nimtalla Ghat Lane	15.
Nayan Sur Lane	1-A, 1-1, 1-2, 7, 8, 9.
Natherbagan Street	11, 11-1, 23, 25-1.
Sovabazar Street	1, 2, 5, 6, 7-A, 8, 9, 10, 11, 12, 15, 16, 19, 20, 22, 29, 32, 36, 38, 41, 43, 46A, 48, 50-A, 54, 64.
Strand Road	66, 66-7, 67-H-5 & 6.
Budridas Temple Street	1, 2, 4, 19, 24.
Canal West Road	23, 24-1, 24-2, 25-3, 26-H-1, 29-1, 35, 35-5.
Gouribere Lane	51, 55, 58.
Halsibagan Road	4.
Strand Road	67-27(2).
Juggarnath Ghat Inland house.	Ware-
Beliaghata Road	135.
Canal West Road,	4.
Circular Road, Upper	308.
Convent Lane	12.
Garden Reach Road	9.

List of Warehouses other than Jute, 1918-19.

Name of Street.

Street or holding number with the number of
warehouses shown in brackets
when more than one.**Ward No. 1.**

Bosepara Lane	... 49-1.
Baghbazar Street	... 74, 76-1.
Circular Road, Upper	... 228-2-H, 192.
Canal West Road	... 37-1, 39(2), 42, 43(9).
Chitpore Road, Upper	... 161-H-18, 176-H-9, 199-1, 199-1-1(3), 199-1-2(3), 199-6, 199-1-7.
Raja Naba Kissen Street	... 79(2).
Cornwallis Street	... 81(2), 82-2, 124(2), 138(3), 137.
Galiff Street	... 18(2), 20(2), 21-H-1(2), 22-H-3, 22(2).
Kaliprosad Chakraburty Street	... 12-2.
Rusick Mitra Lane	... 11.
Ultadingi Road	... 19, 21.

Ward No. 2.

Ahiritolla Street	... 104, 122, 153.
Ahiritolla 1st Lane	... 7.
Bonomali Sircar Street	... 1-H-15.
Baneatolla Street	... 16, 19.
Chitpore Road, Upper	... 220, 232, 234, 262, 316-317.
Duttapara Lane	... 5.
Darmahatta Street	... 71(6), 72(9), 73, 180(4).
Kasi Mitter Ghat Street	... 32, 33, 41.
Md Romjan Lane	... 5, 6, 11(14), 17.
Madan Mohan Dutt Lane	... 5, 6.
Natherbagan Street	... 13-2.
Nimtolla Ghat Street	... 71-1, 80, 84, 85(12), 86-1(2).
Baloram Mazumdar Street	... 35.
Sovabazar Street	... 98, 101, 101(2), 122.
Strand Road	... 67-10(2), 67-10-11.

Ward No. 3.

Beardon Street	... 81.
Brindaban Bose Lane	... 30.
Chitpore Road, Upper	... 139(2), 149
Cornwallis Street	... 76-1, 76-3, 148.
Circular Road, Upper	... 254.
Grey Street	... 26-1(2).
Hazi Zekharia Lane	... 1.
Musjidbaree Street	... 167-H-9.
Munshipara Lane	... 16.
Pearymohan Sur Lane	... 9-3.
Simla Road	... 16.
Ultadingi Road	... 86.

Ward No. 4.

Canal West Road	... 15(3), 16(3), 17(7), 18(12), 19(9).
Bipradas Street	... 1.
Bahir Mirzapore Road	... 1.
Circular Road, Upper	... 93-1-H, 120, 121, 258(2), 289(2), 295.
Gas Street	... 3-H-1, 4-1, 5-1, 5-3, 6-H-2.
Manicktolla Road	... 13.
Machuabazar Street	... 68.
Rajendralala Street	... 2.

Ward No. 5.

Burtolla Street	... 35, 82(2), 83.
Banstolla Street	... 2, 66(4).
Bysack Street	... 2.
Darponarain Tagore Street	... 14-1, 17, 28.
Jorabagan Street	... 15-2, 19, 25, 28.
Brojogobinda Sha Lane	... 1.

SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPT. 10, 1919. 1055

Name of Street.	Street or holding number with the number of warehouses shown in brackets when more than one.
Cotton Street	... 114-1, 115(4), 117, 117-1, 119, 123, 125(2), 125-1, 130, 131(4), 132(2), 133(4), 134, 135, 137, 138.
Kalakar Lane	... 2, 8.
Narayan Prosad Babu Lane	... 11.
Chitpore Road, Upper	... 357, 391, 402(10).
Darmahatta Street	... 20(4), 21(11), 34, 36-1(2), 37, 38(2), 41(3), 52, 61(2), 62, 63, 64(2), 65(12), 65-1(27), 66, 67, 68(2), 69, 182, 183, 184(2), 185, 186, 187(10), 192, 202-10, 202-11.
Jagamohan Mullick Lane	... 8-1.
Dayahatta Street	... 3, 8.
Mandal Street	... 18-4, 43.
Moidaputty Lane	... 2, 3, 3-1(3), 3-2(2), 4(3), 6.
Moirahatta Street	... 31, 34.
Prasannakumar Tagore Street	... 9(2).
Raghunandan Lane	... 9-1(3).
Ramlal Sett Road	... 1, 2, 3(2).
Shama By Lane	... 2, 6, 8.
Sovaram Bysak Street	... 1(2), 8, 10, 14-3-1.
Nimtolla Ghat Street	... 5-1(4), 13, 14, 14-2, 40, -42.
Strand Road	... 57, 62(4), 67(20).
Ward No. 6.	
Beadon Street	... 16-2A.
Baranashi Ghose Street	... 14.
Chitpore Road, Upper	... 9, 56.
Machhuabazar Street	... 135-1(2).
Mitter Lane	... 6-1, 19.
Raja Rajendra Mullick Street	... 18.
Ward No. 7.	
Armenian Street	... 20.
Amratala Street	... 29.
Bonfield's Lane	... 16.
Cross Street	... 94(6).
Canning Street	... 48, 56, 58, 60(3), 63, 65(2), 66(2), 69-1, 70, 95(2), 107.
Clive Street	... 29, 40(2), 41B, 42(12), 46-H, 62(3), 70(5), 71-E, 72-2(3), 73(2), 78-3, 82.
Cotton Street	... 62-4, 67, 68(2), 70, 71(3), 72, 73(3), 74-1, 75-2, 76, 77(3).
David Joseph Lane	... 4, 6(3), 16(3), 16-1, 18.
Ezra Street	... 9, 54, 64.
Jackson Lane	... 4, 18, 20.
Old Court House Lane	... 4(2), 5(2), 8.
Parsee Church Street	... 9.
Lyons Range	... 2.
Pollock Street	... 1, 1-1, 14, 24(3), 28.
Ramsebak Mullick Lane	... 27.
Manook Lane	... 3.
Radhabazar Street	... 19.
Strand Road	... 42(4), 67.
Synagogue Street	... 15.
Sukeas Lane	... 3, 4, 5(4), 11(2), 11-1, 12(2), 15, 16, 17, 18, 19, 20.
Ward No. 8.	
Chattawalla Gullee	... 26, 35, 37.
Chitpore Road, Lower	... 11.
Bowbazar Street	... 225, 236, 242, 245, 263, 264, 285-4-1, 296, 309.
Kalutolla Lane	... 5.
Phear Lane	... 33, 74, 75.
Blackburn Lane	... 33.

Name of Street	Street or holding number with the number of warehouses shewn in brackets, when more than one.
Sovaram Bysack Lane	... 27-2(2), 1.
Giri Babu Lane	... 30.
Kalutolla Street	... 11-3, 34-1, 37, 38, 65-1, 80, 81(4), 84(2).
Macchuabazar Street	... 1-2, 12.
Sagore Dutt Lane	... 7A(20).
Madanmohan Sen Lane	... 25.
Ismail Madan Lane	... 13.
Teritta Bazar Street	... 19.

Ward No. 9.

Baithakhana Road	... 1, 2, 3, 4, 5, 8, 9, 10, 41, 168.
Beliaghata Road	... 133(2), 137.
Amherst Street	... 110-1, 128(2), 133(2), 136, 137, 151.
Bowbazar Street	... 167(13), 171.
Canal West Road	... 1, 2.
Harrison Road	... 17, 19, 31, 40.
Joynarain Ch. Lane	... 1-2-A, 1-3-A.
Srigopal Mullick Lane	... 4, 49.
Musalmanpara Lane	... 18.
Circular Road, Upper	... 4, 7, 8, 302-1.
College Street	... 18.
Brojonath Dutt Lane	... 4.
Chutarpara Lane	... 10.
Chunapuker Lane	... 32.
Machuabazar Street	... 60, 60-1.
Mirzapore Tank Lane	... 2-1.
Nilmoney Ganguly Lane	... 5.
Nitai Babu Lane	... 1.
Noor Mahammed Sircar Lane	... 5-A.
Mirzapur Street	... 27, 27-1, 27-5(2), 28-1(2), 29-1-1, 29-2, 29-H-2, 31-1, 63-1(3), 63-2, 64-1.
Patwarbagan Lane	... -16.
Patuatolla Lane	... 20.
Prem Chand Boral Street	... 49.
Ramkanta Mistry Lane	... 1 & 2.
Scott Lane	... 34-1(2), 37, 38(2).
Siddeeswar Chandra Lane	... 13-2, 13-3, 13-4.

Ward No. 10.

Bentinck Street	... 60, 61, 73, 77, 77-1, 77-3, 81-7, 80-5, 76, 51(2).
Bowbazar Street	... 67-1.
Bow Street	... 8-1.
New Bowbazar Lane	... 3-1, 3.
Grant's Lane	... 3, 13.
Jebb Lane	... 3.
Khairoo Lane	... 22, 2, 4B.
Metcalfe Street	... 4, 60.
Prinsep Street	... 5, 14, 16.
Howe Lane	... 4, 5.
Weston Street	... 6, 8, 12-1, 56, 11, 11.
Dhurrumtolla Street	... 167(4).

Ward No. 11.

Bowbazar Street	... 121, 125, 127, 128, 132, 137, 144.
St. James' Lane	... 20, 63.
Circular Road, Lower	... 124, 132.
Nebutolla Lane	... 11, 5-2.
Huzurimull Lane	... 5.
Serpentine Lane	... 67.

SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPT. 10, 1919. 1057

Name of Street.

Street or holding number, with the number of
warehouses shown in brackets,
when more than one.

Ward No. 12.

Bentinck Street	... 7(2), 13(2), 27-2, 39.
Church Lane	... 6.
Cooper Lane	... 4.
Dalhousie Square	... 4.
Fancy Lane	... 4.
Lalbazar Street	... 1, 3, 6, 8-1, 8B, 9.
Mission Row	... 1, 7, 8(2), 12.
Mangoe Lane	... 2-1, 25, 5.
Wellesley Place	... 7-1.

Ward No. 13.

Corporation Place	... 1, 10, 12, 13, 15.
Corporation Street	... 122-1, 129, 131, 141, 136, 133-1.
Collin Street	... 24.
Dhurrumtolia Street	... 3, 2, 9.
Free School Street	... 19-3, 59(5), 72-2, 57½.
Grant Street	... 1.
Lindsay Street	... 12, 12-1, 7.
Chowringhee Place	... 4.
Mott Lane	... 44.
Motilal Seal Street	... 2.
Wellesley Street	... 2-H-1, 26-H-2, 25.
Ripon Street	... 199.

Ward No. 14.

Circular Road, Lower	... 76, 88, 93.
Corporation Street	... 49-64, 106.
Dhurrumtolia Street	... 88, 88-1.
Dr. Durga Ch. Banerji Street	... 22, 49(2), 61.
Munshi Aliimiddin Street	... 21, 37.
Ripon Street	... 99.
Wellesley Street	... 80, 83.
Neogypuker By Lane	... 10-1.
Nawab Abdul Latif Lane	... 8, 12.

Ward No. 15.

Circular Road, Lower	... 37.
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Ward No. 19.

Ananda Gopal Palit Road	... 17, 18, 41(2), 44, 63-2.
Dehi Entally Road	... 16, 17-3.
Beliaghata Road	... 4(26), 10-1, 18.
Canal South Road	... 1(4), 2-H-1, 3-H-1, 4(2), 5(3), 6-3), 7, 8, 9, 10, 10-H-1, 10-H-11, 12-1, 14, 15, 16(2), 17(2), 18, 19, 20(2), 21, 27, 31, 33.
Circular Road, Lower	... 154(2), 154-1, 156(2), 156-1.
Kulia Tangra, 2nd Lane	... 2.
Sainbhu Babu Lane	... 13-1.
Harimohan Roy Lane	... 1.
Police Hospital Road	... 35.
South Road, Entally	... 5, 9-2, 9-3, 18, 67-1, 68-1, 90.
Middle Road, Entally	... 40, 30, 37(3), 43-2.
South Sealdah Road	... 1-1, 2-1, 10, 12.

Ward No. 20.

Jannagore Road	... 2, 3, 41.
Karraya Bazar Road	... 14.
Jhowtolla Road	... 2.
Kimber Street	... 6.

Name of Street	Street or holding number, with the number of warehouses shown in brackets, when more than one.
	Ward No. 21.
Karraya Road	... 22.
Russa Road, South	... 35, 73, 133, 139-2.
Dhakuria Road	... 27, 105.
Guriahat Road	... 48-1.
Bundel Road	... 8.
Tollygunge Circular Road	... 12, 14, 15.
Monohipuker 1st Lane	... 44.
Monohipuker Road	... 11.
Tollygunge Road	... 21-G, 69(3), 72, 74, 75, 75-1, 76(3), 112-1, 114-1, 114-2, 115-2.
Lower Circular Road	... 223.
	Ward No. 22.
Beltolla Road	... 19.
Chaulputty Road	... 4-H-1, 13, 30, 30-1, 50-1, 53, 56, 61.
Gobinda Bose Lane	... 1-1.
Halderpara Road	... 1, 32.
Hazra Road	... 1-1, 127.
Haris Ch. Mukerji Road	... 56, 62, 158.
Kali Ghat Road	... 19, 20(2), 23, 31-1, 31-3, 48-4, 136-4, 140.
Harish Ch. Chatterji Street	... 18, 27-2, 28-1, 29-1, 30, 29-H-1, 30-1, 33(2), 34-1-2, 38, 40-1, 44, 44-1, 44-3, 45, 46.
Lansdowne Road	... 55-3.
Madan Pal Lane	... 45, 6, 36-H-1, 36-H-2, 16, 26, 28.
Puddapuker Lane	... 2.
Kansaripara Road	... 66.
Katuakhuti Road	... 8-H-1, 9-H-3.
Nepal Bhattacharji Lane	... 4, 10-1.
Kalidas Patitandi Lane	... 1-3, 5-1.
Mohim Halder Street	... 7-1, 32-1-1
Russa Road South	... 141, 143.
Chakraberia Road, South	... 44-1 and 44-4
Sankaripara Road	... 12.
	Ward No. 23.
Bridge Road	... 3-73, 11, 8, 17, 19, 20, 24, 25.
Chetla Road	... 1, 17-1.
Gopalnagore Road	... 20-1.
Chetla Hât Road	... 5, 20-14(2), 19.
Judge's Court Road	... 40.
Meyerpore Road	... 3, 12-1, 73-4, 73-6-18.
Joynuddi Mistri Lane	... 27.
Alipore Park Road	... 2.
Alipore Road	... 19, 35.
	Ward No. 24.
Bhukoilash Road	... 1(2), 1(1).
Kailasarak Road	... 11-1-1.
Kantapuker Road	... "W" Shed.
Circular Garden Reach Road	... 48-B.
	Ward No. 25.
Berapuker Road	... 5-3, 11, 12, 13.
Circular Garden Reach Road	... 18(2), 116-H, 120-1, 8-1-1
Kuturi Road	... 35-2.
Garden Reach Road	... 10, 86, 96(2), 98(5).
Ram Kamal Mukherji Street	... 27-1, 28-1.
Metapuker Lane	... 27.
Monsatolla Lane	... 27.
Nelunapara Road	... 4.
Watgunj Street	... 12.

SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPT. 10, 1919. 1059

Name of Street.	Street or holding number, with the number of warehouses shown in brackets, when more than one.
Munshigunge Road	... 3(2), 3-2, 6, 7, 6-8, 9-17, 13(2), 12, 28, 29, 32, 33, 35(2), 36, 37, 38(2).
Puddapuker Street	... 1, 1-4, 2-1, 32, 41(3) 43.
Puddapuker Square	... 11.
Puddapuker West Lane	... 9, 10, 36-1.
Gangadhar Banerji Lane	... 8-1(7), 8-2(2).
Tarafdar Tank 2nd Lane	... 8(2).
Diamond Harbour Road	... 89(4), 89-5(3), 90, 90-1(2), 89, 90-1-3.

No. 138M., dated Calcutta, the 28th July 1919.

From—The Hon'ble MR. J. LANG, I.C.S., Commr. of the Presy. Divn.
To—The Secy. to the Govt. of Bengal, Municipal Department.

I HAVE the honour to submit, herewith, copies of the report on the working of the Licensed Jute Warehouse and Fire-Brigade Act, I (B.C.) of 1893, for the year ending the 31st March 1919, in Cossipore-Chitpur, Maniktala and Garden Reach Municipalities.

No. 899, dated Tala, the 13th June 1919.

From—BABU HEM CHANDRA DE, M.A., Chairman, Cossipore-Chitpur Municipality,
To—The Magistrate of the 24-Parganas, Alipore.

WITH reference to your letter No. M—327-1-19, dated the 6th May 1919, I have the honour to submit the following report on the working of the Jute Warehouse and Fire Brigade Act within the municipality during the year 1918-19, together with the statements of receipts and disbursements and of the licensed warehouses, in the forms prescribed by Government.

2. The rate of the licence-fee levied on the warehouses in the year of report was 7½ per cent. on the annual valuations of warehouses, as was done in the previous year.

3. The total receipts from the fees and the rates specified in statement 1 amounted to Rs. 27,422-10. The demand of the Commissioner of Police for the year on account of contribution towards the cost of maintenance of the Metropolitan Fire Brigade payable by this municipality being Rs. 40,652, the Municipal Commissioners had to pay Rs. 13,229-6 from their general fund.

4. No rates were levied under section 25 (4) (a), (b) and (c) of the Licensed Warehouse and Fire Brigade Act during the year of report.

5. A sum of Rs. 58 was received from the Police Magistrate, Sealdah, during the year of report, as fine imposed on persons using warehouses without licences.

6. The warehouses licensed during the year of report, are shown in the statement put up herewith.

STATEMENT I.

Statement of Receipts and Disbursements.

Opening Balance on 1st April 1918—Nil. The Debit Balance of Rs. 13,229-6 was met from the general fuhd.

Receipts.

	DEMAND.			COLLECTIONS.			REMISSION.			BALANCE.		
	Arrear.	Current.	Total.	Arrear.	Current.	Total.	Arrear.	Current.	Total.	Arrear.	Current.	Total.
Licence fee levied under sections 10 and 34.	Rs. A. P.	Rs. A.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
... 23 0 9	23,698 13	23,610 12 9	23 0 9	27,391 18 9	27,314 0 6	27,314 0 6	... 1,196 13 9	1,196 13 9	1,196 13 9	... 0 0 0	0 0 0	0 0 0
Mutation fee ...	... 0 0 0	0 0 0	0 0 0	... 0 0 0	0 0 0	0 0 0	... 0 0 0	0 0 0	0 0 0	... 0 0 0	0 0 0	0 0 0
Rates under sections 26 (1) (a) ...	0 0 6	...	0 0 6	0 0 6	...	0 0 6	0 0 6	0 0 6	0 0 6	0 0 6	0 0 6	0 0 6
26 (1) (b) ...	...	1	...	...	...	...	...	...	...	...	...	...
26 (1) (c) ...	...	...	...	...	...	...	...	...	...	...	...	...
Fines and penalties under the Act.	... 58 0	58 0 0	58 0 0	... 58 0 0	58 0 0	58 0 0	... 58 0 0	58 0 0	58 0 0	... 0 0 0	0 0 0	0 0 0
Total ..	23 10 3	23,698 13	23,610 12 9	27,391 18 9	27,314 0 6	27,314 0 6	1,196 13 9	1,196 13 9	1,196 13 9	0 0 0	0 0 0	0 0 0

Disbursements.

Rs.

1. Establishment	...	...
2. Contribution to Fire Brigade, Fund	...	40,652
3. Any other special item	...	...
4. Total	...	40,652
5. Closing Balance	...	...
6. Grand Total	...	...

The total receipts being Rs. 27,422-10, the deficit of Rs. 13,229-6 was met from the general fund.

Statement of Warehouses Licensed during 1918-19.

Name of Road.	Number of Holdings.
Barrackpore Trunk Road	3-1, 3-3, 3-3-1, 5, 32-3, 26-29-1, 57-9, 58-70, 60-1, 74A, 83, 84, 85-1.
Gun Foundry Road	1.
Cossipore Road	1, 26, 30, 32, 115
Lock Gate Road	45, 51.
Sugar Works Lane	1, 2, 3.
Ram Gopal Ghosh Road	2A.
Kali Prasanna Sinha Road	2, 3, 4, 4-A, 6, 8, 13, 13-A, 16.
Nawabputty Street	1, 5, 7, 14.
Dilarjung Road	1, 4, 5, 6.
Chitpore Ghat Lane	1, 3, 6, 8, 9, 10, 17, 19.
Brojo Doyal Shaw Road	2, 3, 8.
New Strand Road	2, 5.
Pran Kissen Mukerji Lane	2, 3, 4, 5, 5A, 6, 7, 10, 11, 12, 13, 14, 15, 16, 18, 20, 25A, 26, 27, 29, 28.
Pran Kissen Mukerji Road	2-2, 4, 4A, 5, 8, 9, 6, 7, 9-B, 9A, 10-1, 11-1, 11-4, 11-3, 12, 12-1, 15-1, 15-6, 20, 21, 22-B, 22-C, 22-1-1, 23, 24, 25-1, 25-3, 26-A, 26-D, 26E, 26-2, 26-5-1, 27-1, 28, 26-7, 26-8, 30, 31, 32, 33, 30-2, 34-1, 34-2, 34-3, 34-4, 36, 37, 34-2-1.
Chitpore Street	2, 3, 4, 5, 5-A, 7, 9, 10, 11.
Settpooker Road	4, 14, 1-6-2.
Chitpore Cross Road	1-1, 3, 8, 8-2.
Kali Kumar Banerjee Lane	11A, 17-1, 19, 21.
Rustomji Parsee Road	5.
Gopi Mandal Lane	7.
Kali Charan Sett Road —	4.
Ranee Road	18-1.
Gangulipara Lane	2-1.
Paikpara Road	13-13, 14-101, 14-91-1, 29-25.
Belgachia Road	12-1, 12-2, 13-A, 14, 15-3, 17, 19, 20, 34-2, 34-4, 34-13, 40, 42, 44, 44-1-2, 52-1, 53, 55, 58, 62-2, 62-3, 62-3-1, 62-3-2, 62-8-A, 62-8-1, 62-11, 66-A, 66B, 66-B-1, 68-7, 68-8-1, 68-10, 68-13, 68-15, 68-17, 68-19, 70, 86-1, 88, 91, 94, 99, 101, 102, 103-A, 105, 109, 110.
Khelat Babu Lane	26, 35-14.
South Paikpara Road	6-1-1.
Nilmani Mitter Street	8-A, 8-2-2, 8-3-1-1, 8-3-1-4, 10, 10-1, 15, 16, 17, 21-1.
Srish Chowdhury Lane	21, 24-10-1.
Canal Road	1-5, 1-11, 1-12, 2-3, 3-1-A, 3-1-B, 3-3, 4, 6, 7-2, 7-3, 7-8-1, 7-10.
Ultadanga Yard (E. B. Railway)	129, 130.

SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPT. 10, 1919. 1961

Maniktala Municipality.

No. 841, dated Narkeldanga, the 22nd May 1919.

From—BABU UPENDRA CHANDRA BANERJEE, M.A., B.L., Chairman,
Maniktala Municipality.

To—The Magistrate of the 24-Parganas, Alipore.

WITH reference to your letter No. M.327-1-19, dated the 6th May 1919, I have the honour to submit the Annual Report for the year 1918-19 on the working of the Jute Warehouses and Fire Brigade Act during the said year.

(1) The share of expenditure allotted to this municipality by the Commissioner of Police was Rs. 5,082, which was discharged in two instalments.

(2) The revenue during the year of report amounted to Rs. 3,814-14-6.

(3) Licence fees were levied on jute warehouses at the rate of 4 per cent. and 8 per cent. on the annual value of the holdings and at 10 per cent. on trades of other descriptions.

(4) The jute godowns and firewood, hay and straw depots are mostly situated near the Circular Canal, which bounds the municipality on all sides. The Surah jute mill and the jute pressing mill of Messrs. Landale and Clarke are the two mills situated within this municipality.

(5) The following statements in the prescribed forms are annexed hereto:—

(a) Statement showing the receipts and disbursements for the year 1918-19.

(b) A statement showing the number and locality of jute warehouses.

STATEMENT I.

MANIKTALA MUNICIPALITY.

Statement showing the Receipts and Disbursements for the year 1918-19.

Opening debit balance on the 1st April 1918 ... Rs. 251-4-6.

Receipts.

Description of receipts.	DEMAND.			COLLECTION.			REMISSION.			BALANCE.		
	Arrear.	Current.	Total.	Arrear.	Current.	Total.	Arrear.	Current.	Total.	Arrear.	Current.	Total.
Licence fees levied under sections 10 and 24.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
	26 6 8	3,036 8 8	3,062 15 6	26 6 8	3,758 8 8	3,814 14 6	...	103 8 6	103 8 6	...	64 6 6	64 6 6
Mutation fee levied under section 11.	...	...	...	...	...	...	...	...	...	...	...	...
Rates levied under section 25 (1) (b) and 26 (1) (a).	...	...	...	...	...	...	...	...	...	...	...	...
Fines and penalties under the Act.	...	...	...	...	...	...	...	...	...	...	...	...
<i>Deduct—Opening debit balance</i>						251 4 6						
<i>Total receipts</i>						2,563 10 0						

* Vide explanation under footnote to Statement III.

Disbursements.

1918-19.

Rs. A.

(1) Establishment	...	...	...
(2) Contribution	...	...	5,082 0
(3) Any other special items	...	...	...
(4) Total	...	...	5,082 0
(5) Closing debit balance	...	...	1,518 6
(6) Grand Total	...	...	3,563 10

STATEMENT II.**Statement showing the locality where the jute warehouses are situated.**

Name of road.	Number of holdings.
Canal Circular Road	... 1, 2, 4-5, 5, 11-6-2 and 24.
Shaikhpara Road	... 4.
Ariff Road	... 14-1.
Gurudas Dutt Garden Lane	... 6-2.
Ultadanga Main Road	... 1, 2, 2-12, 83, 137-1-2 and 150.
Canal East Road	... 3, 5-1, 5-8, 5-9-1, 5-11, 5-13, 5-14-1, 5-15, 5-18, 6, 8, 9, 9-20, 10-6, 12-6, 14-1, 14-3, 14-22, 16-1, 17-1, 20, 21-1, 42-36, 44-4, 48-1, 48-4, 49-1, 49-2, 51-1, 51-2, 52-2, 52-3, 52-4, 52-5, 52-7, 52-8, 52-9 and 52-10.
Ultadanga Lane	... 19-21 and 36.
Maniktala Main Road	... 110 and 136-7.
Narikeldanga Main Road	... 93 and 102.
Chaulputty Road	... 4-4, 4-5, 5, 27, 28, 29, 29-2, 31-5, 32-3, 33-1, 34-2, 35-1, 35-A, 36, 37, 39 and 40-1.

No. 117G.M., dated the 2nd June 1919.

From—J. A. MURRAY, Esq., Chairman, Garden Reach Municipality,
To—The Magistrate of the 24-Parganas, Alipore.

WITH reference to your letter No. M.-327-1-19, dated the 6th May 1919, I have the honour to report as follows on the working of the Licensed Jute Warehouses and Fire Brigade Act in this municipality for the year 1918-19 and to submit statements I and II in the prescribed form.

2. During the year under report the total income from jute warehouse fees and from rates under section 25(b) of the Fire Brigade Act, as shown in statement I, was Rs. 3,755-2 against Rs. 3,905-14-6 in the previous year. The amount of contribution paid to the Fire Brigade Fund was Rs. 7,622 against Rs. 6,817 in 1917-18.

In levying the jute warehouse fees the limitations prescribed by the provisos under section 10 of the Fire Brigade Act were strictly followed.

3. The rates at which the fees were levied were 8 per cent. on the annual value of all large warehouses, 10 per cent. on the annual value of wood and straw depots and 4 per cent. on the annual value of all bustee lands with huts, if any, on them. A list of licensed warehouses within this municipality during the year under review is given in statement II.

STATEMENT I.**Statement of Receipts and Disbursements.**

Opening balance on 31st April 1919 ... Nil.

Receipts.

	DEMAND.			COLLECTION.			REMISSION.			BALANCE.		
	Arrear.	Current.	Total.	Arrear.	Current.	Total.	Arrear.	Current.	Total.	Arrear.	Current.	Total.
License fees levied under sections 10 and 24.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.
Liability fees levied under section 11.	182 0	3,648 3	3,830 3	182 0	3,684 0	3,869 0	8 0	—	8 0	...	182 0	182 0
Rates levied under section 25 (1) (a).	...	...	...	...	...	...	...	...	...	...	...	...
Rates levied under section 25 (1) (b).	40 6	117 15	158 6	40 6	108 6	148 9	—	—	—	...	18 11	19 1
Rates levied under section 25 (1) (c).	...	...	...	...	...	...	...	...	...	...	...	...
Fines and penalties under this Act.	...	...	...	...	...	...	...	...	...	...	...	...
Total	172 0	3,706 1	3,879 0	168 6	3,660 12	3,735 2	8 0	—	8 0	...	176 4	176 4

SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPT. 10, 1919. 1063

Disbursements.

	Rs.
1. Establishment ...	... .
2. Contribution to Fire Brigade	... 7,622
3. Any other special item	... .
4. Total ...	... 7,622
5. Closing balance ...	... .
6. Grand total ...	... 7,622

STATEMENT II.

List of licensed warehouses for 1918-19.

Name of street.	Street or Holding number, with the number of warehouses shown in brackets, when there are more than one.
Garden Reach Road	... A-8 (3), A-10, B-8, B-10, C-1, C-3, C-5, E-6 F-43, G-239, B-57.
Ramnagore Lane	... G-212.
Bichalighat Road	... B-105-1, B-118, B-125, B-127, B-130, B-132, B-133, B-146, B-128, B-148,
Batecal	... G-72.
Paharpore Road	... J-200.
Rameswarpore Road	... I-70.
Dum-Dum Road	... Z-I.

List of warehouses licensed for 1917-18 during 1918-19.

Garden Reach Road	... A-8, F-34, F-30-1-1, I-19.
Bichalighat	... B-128.
Rameswarpore	... I-90.

DISTRICT REPORTS ON WEATHER AND CROPS.

For the week ending on the 4th September 1919.

Summary.—During the week light to moderate rain was general throughout the province. More rain is urgently wanted, especially in some of the northern and eastern districts, for transplanting of winter paddy and steeping and washing of jute. The harvesting of jute is progressing slowly for want of sufficient water for steeping, but that of autumn paddy is going on as usual. The weeding of winter paddy continues. The condition and prospects of standing crops are generally satisfactory. Damage to jute by insects continues to be reported from 24-Parganas and Nadia. The average price of common rice for the province has risen by about 4 $\frac{1}{4}$ per cent. as compared with that of the previous week. The daily average number of persons engaged in test works in the Brahmanbaria subdivision, during the week was 32.

Serial No.	District and subdivision.	Rainfall.	PRICE OF COMMON RICE, IN RUPEES PER RUPEE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches			
1	24-PARGANAS	1.35	4 $\frac{1}{2}$	4	Transplanting of <i>aman</i> paddy and harvesting of <i>aus</i> paddy continue. Condition and prospects of jute are good. Effects of weather on the crop are good. Damage by insects is reported from some places in Barasat subdivision. Harvesting of jute is progressing. Fodder and water are sufficient.
	Diamond Harbour.	(n)	(n)	(n)	
	Barrackpore	0.69	4	4 $\frac{1}{2}$	
	Barasat ...	3.16	4	5	
	Basirhat ...	(n)	(n)	4 $\frac{1}{2}$	
2	NADIA ...	1.14	4 $\frac{1}{2}$	4 $\frac{1}{2}$	Prospects of standing crops, including jute, are good. Harvesting of <i>aus</i> paddy and steeping of jute continue. Effects of weather are favourable. Some damage to jute has been done by insect-pests.
	Kushtia ...	7.29	4	5	
	Meherpur ...	1.48	6 $\frac{1}{2}$	6 $\frac{1}{2}$	
	Chuadanga ...	2.33	4 $\frac{1}{2}$	5	
	Ranaghat ...	1.82	4	(n)	
3	MURSHIDABAD	2.32	4 $\frac{1}{2}$	5	Prospects of standing crops are good. Harvesting of <i>aus</i> paddy and transplanting and weeding of <i>aman</i> paddy continue. More rain is wanted in many parts of the district. Condition and prospects of jute are good. Effects of weather are favourable to its growth. Harvesting continues. Cattle-disease is reported from Sagardighi and Nabagram thanas. Fodder is sufficient. Export of rice is going on from Lalbagh, Kandi and Jangipur subdivisions. Price of rice is rising.
	Lalbagh ...	1.07	5	5	
	Jangipur ...	0.76	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
	Kandi ...	2.38	4 $\frac{1}{2}$	5	
4	JESSORE ...	2.91	4	5	Harvesting of <i>aus</i> paddy and transplanting of <i>aman</i> paddy continue. Standing crops are doing well. Slight damage to jute and <i>aus</i> paddy has been done by floods in Narail subdivision. Condition and prospects of jute are fair. Steeping and washing continue.
	Jhenidah ...	1.72	5	5	
	Magura ...	3.23	5	5	
	Narail ...	3.17	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
	Bangaon ...	2.86	4 $\frac{1}{2}$	4 $\frac{1}{2}$	

(n) Not reported.

Serial No.	District and subdivision.	Rainfall, Inches	PRICE OF COMMON RICE, IN RUPEES, PER RUPEE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
5	KHULNA ...	2.23	3 $\frac{3}{4}$	5 $\frac{1}{2}$	Transplantation of <i>aman</i> paddy is going on. Condition and prospects of jute are good; the effects of the weather on the growth of the crop are good. No damage. Cutting and steeping are going on. Water and fodder sufficient.
	Satkhira ...	1.73	5	5	
	Bagerhat ...	3.14	3 $\frac{1}{2}$	4 $\frac{1}{2}$	
6	BURDWAN ...	3.74	4	4 $\frac{1}{2}$	Weather rainy. Transplanting of <i>aman</i> paddy is nearly finished. Condition of sugarcane is good. Weeding of <i>aman</i> paddy and harvesting of jute and <i>aus</i> paddy continue. Prices are abnormally high on account of exports.
	Asansol ...	1.27	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
	Katwa ...	1.09	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
	Kalna ...	0.40	3 $\frac{1}{2}$	4	
7	BIRBHAM ...	1.60	4 $\frac{1}{2}$	5	Transplantation of winter paddy is over. Prospects of standing crops are favourable. Fodder and water are sufficient.
	Rampurhat ...	1.07	5	5 $\frac{1}{2}$	
8	BANKURA ...	3.35	4 $\frac{1}{2}$	5	Early variety of <i>aus</i> paddy and maize are being harvested. Prospects of standing crops are good. Export of rice and paddy continues. Price is rising owing to shortage of import.
	Vishnupur ...	6.79	5 $\frac{1}{2}$	5 $\frac{1}{2}$	
9	MIDNAPORE ...	0.62	{ 5 $\frac{1}{2}$ 5 $\frac{1}{2}$ \dagger	5 $\frac{1}{2}$	Harvesting of jute continues. In Tamluk subdivision the crop is slightly damaged owing to excessive rainfall, elsewhere its condition is good. Prospects of winter rice are good, though some damage is reported from Contai on account of excessive rainfall. The transplanting of winter paddy is nearly finished. Cattle disease is reported from Contai, Khejri and Bahiri thanas.
	Ghatal ...	3.31	{ 4 $\frac{1}{2}$ 5 \dagger	4 $\frac{1}{2}$	
	Tamluk ...	2.38	{ 4 $\frac{1}{2}$ 5 \dagger	5	
	Confai ...	1.74	{ 6 $\frac{1}{2}$ 6 $\frac{1}{2}$ \dagger	5 $\frac{1}{2}$	
10	HOOGHLY ...	0.93	4	4 $\frac{1}{2}$	Effects of weather on the growth of the crops are favourable. Price of rice is rising. Condition and prospects of jute are fair. Harvesting is going on. Fodder is sufficient.
	Serampore ...	0.79	4 $\frac{1}{2}$ \dagger	4 $\frac{1}{2}$	
	Arambagh ...	13.52	5 $\frac{1}{2}$	5 $\frac{1}{2}$	
11	HOWRAH ...	1.38	4	4	Weather rainy. Condition of sugarcane is good. Transplantation of <i>aman</i> paddy is almost over. Condition of jute is good. Harvesting of jute continues in low lands. Fodder is sufficient.
	Ulubaria ...	6.14	3 $\frac{1}{2}$	5 $\frac{1}{2}$	
12	RAJSHAHI (RAMPUR-BOALIA). Naogaon ... Nator ...	1.45 1.62 1.80	4 $\frac{1}{2}$ 3 $\frac{1}{2}$ 4 $\frac{1}{2}$	4 $\frac{1}{2}$ 4 $\frac{1}{2}$ 4 $\frac{1}{2}$	The prospects of jute and other standing crops are favourable. Harvesting of jute and <i>aus</i> paddy and transplanting of winter paddy continue. Fodder is sufficient.

*Common rice.

†Coarse rice.

Report No.	District and subdivision.	Rainfall Inches	PRICE OF COMMON RICE, IN RUPEES, PER RUPEE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
13	DINAJPUR ...	1.32	3½	4½	Weather seasonable. Prospects of standing crops are fair. Harvesting of jute and other <i>bhadoi</i> crops continues. More rain is wanted at Sadar and Thakurgaon for transplantation of <i>aman</i> paddy. Fodder is sufficient. Rice market is stationary at Balurghat, but rising at Sadar and Thakurgaon.
	Thakurgaon	2.66	3½	5	
	Balurghat ...	2.12	4½	4½	
14	JALPAIGURI	3.85	3½	5	Prospects of standing crops are fair. More rain is wanted for transplantation of winter paddy. Fodder and water are sufficient.
	Alipur ...	3.66	4	4	
15	DARJEELING	5.63	5½	11	Harvesting of potatoes, cardamom and maize continues. <i>Marua</i> growing well. Condition and prospects of jute are fair. Effects of weather on the growth of jute are fair. No damage. Transplanting of autumn paddy and harvesting and steeping of jute are being retarded owing to insufficient rainfall. The supply of fodder and water is sufficient. Stock of food-grains is insufficient.
	Kurseong ...	5.86	5½	11	
	Siliguri ...	2.63	4	4	
	Kulinpong ...	3.55	5½	11	
16	RANGPUR ...	1.92	4½	4½	Weather seasonable. Harvesting of <i>aus</i> paddy is finished. More rain is urgently wanted for transplanting of winter rice and steeping and washing of jute. Weather is not favourable for winter rice. Fodder and water are sufficient. Price of rice is rising. Export is going on. Cattle-disease is reported from Lalmonirhat and Sadullapur thanas.
	Nilphamari	1.38	4	4	
	Kurigram ...	2.71	4	4½	
	Gajbandha ...	1.96	4½	4½	
17	BOGRA ...	2.48	4½	4½	Transplanting of winter paddy and harvesting of jute and <i>aus</i> paddy continue. Steeping and washing of jute are retarded for low flood.
18	PABNA ...	3.06	4½	5	<i>Aus</i> paddy has been harvested. Harvesting of jute continues. Water is insufficient for steeping of jute. Prospect of <i>aman</i> paddy is fair in Sadar subdivisions, but not good in Sirajganj. Supply of fodder is tolerable.
	Sirajganj ...	(n)	(n)	4	

(n) Not reported.

Serial No.	Districts and sub-divisions.	Rainfall.	Price of common rice, in rupees, per hundred		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
19	MALDA ..	Inches 3.92	4	4½	Transplanting of winter rice is still going on. Prospects of jute are fair. No damage to crop is reported. Harvesting continues. Fodder and water are sufficient. Cattle-disease is reported from Bholabat and Englishbazar thanas.
20	COOCH BEHAR	6.83	7½	7½	Weather seasonable. Transplantation of <i>haimanti</i> paddy seedlings and steeping and washing of jute continue. Effects of weather on the growth of jute are good. Fodder is sufficient.
21	DACCA ... Manikganj ... Narayanganj ... Munshiganj*	8.68 3.12 3.69 4.90	3½ 3½ 3½ 3½	3½ 4 { to (n)	Weather seasonable. Heavy rain has benefited <i>aman</i> paddy, but the lowness of water level is hindering the steeping of jute. Condition and prospects of standing crops are fair. Cattle-disease is reported from parts of Narayanganj subdivision.
22	MYMENSINGH ... Jamalpur ... Tangail ... Netrakona ... Kishorganj ...	1.62 0.57 (n) 2.42 5.78	3½ 3½ (n) 3½ 3½	3½ 3½ (n) 3½ 3½	Weather cloudy with occasional showers. More rain is badly wanted. Harvesting of jute and <i>aus</i> paddy continues, but steeping of jute and transplantation of paddy are being impeded for want of water. Prospects of crops are fair, but their growth is being affected. Fodder is sufficient. Cattle-disease is reported from places.
23	FARIDPUR ... Goalundo ... Madaripur ... Gopalganj† ...	5.26 2.06 5.04 4.76	3½ 4½ 3½ 3½	3½ 4½ 4 4	Weather is favourable to the standing crops. Harvesting of jute still continues. Prospects of standing crops are good. Fodder is available. Rangoon rice is being imported.
24	BAKARGANJ (BARISAL). Pirojpur ... Patuakhali ... Dakshin Shabazpur (Bhola).	2.62 4.04 7.01 3.33	3½ 3½ 3½ 3½	3½ 3½ 3½ 3½	Prospects of jute are good; weather is favourable. No damage done to the crop. Harvesting is nearly finished. Prospects of other crops are fair. Fodder is sufficient.

* Munshiganj being very near to Dacca and Narayanganj, its rainfall statistics are not quoted. To give information regarding the northern part of the district rainfall figures for Kapsia thana are reported here.

† The rainfall at Haridaspur, which is very near to Gopalganj, is shown here.

(n) Not reported.

‡ Aus rice.

Serial No.	Districts and subdivisions.	Rainfall.	PRICE OF COMMON RICE, IN RUPEES PER BUPRE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
25	CHITTAGONG	Inches			
	Cox's Bazar	3.66	4½	4½	Prospects of standing crops are good. Cultivation of <i>aman</i> paddy is going on. Harvesting of <i>aus</i> paddy is progressing. <i>Panga</i> salt is selling at 9 seers per rupee both at Sadar and Cox's Bazar. Fodder is sufficient.
26	TIPPERA (COMILLA).	2.95	4½	4½	Weather seasonable but hot. More rain is wanted. The prospects of <i>aus</i> paddy are fair and those of jute are good. The price of rice still rules high. Harvesting of jute and <i>aus</i> paddy and transplanting of <i>aman</i> paddy are going on. Thirty-one men and one child worked daily on an average for eradicating water hyacinth in Brahmanbaria subdivision.
27	NOAKHALLI ...	9.01	3½	3½	Weather seasonable. Prospects of standing crops are good. Transplantation of <i>aman</i> paddy and harvesting of jute continue. Prospects of jute and the effects of weather on its growth are fair in the Sadar and good in the Feni subdivision. Fodder sufficient.
	Feni ...	3.81	{ 3½ 4½ }	{ 3½ 4½ }	
28	CHITTAGONG HILL TRACTS.	6.13	{ 4½ 7½ }	5	Sowing of paddy on high land has begun. Fodder is sufficient.

* Aus rice.

† Local rice.

J. C. Roy,
for Director of Agriculture, Bengal.

DACCA, the 8th September 1919.

SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPT. 10, 1919. 1069

List of prices of articles of food in Calcutta for the week ending Saturday, the 6th September 1919.

Names of Articles.	WHOLESALE PRICE PER MAUND.		RETAIL PRICE PER SKEW.	
	From—	To—	From—	To—
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Rice—				
Balam, coarse	9 8 0	10 0 0	0 4 0	0 4 3
" medium	10 4 0	10 12 0	0 4 6	0 5 0
Patnai, coarse	9 8 0	10 2 0	0 4 0	0 4 3
" medium	10 4 0	10 10 0	0 4 6	0 4 9
Nagra, coarse	9 8 0	10 2 0	0 4 0	0 4 3
" medium	10 4 0	10 10 0	0 4 6	0 5 0
Dudhkalmi	10 0 0	10 8 0	0 4 0	0 5 0
Rangoon Boiled	.....	.....	.....	.....
Kajla	8 10 0	.....	0 4 0	.....
Wheat, Dudhia	7 12 0	8 0 0	.....	.....
" Gangajali	.....	.....	.....	.....
" Jamali	7 6 0	7 8 0	.....	.....
Gram, Patnai (whole)	7 4 0	8 0 0	0 3 0	0 3 6
" dal	8 8 0	9 4 0	0 4 0	0 4 6
Mung " (Hari)	11 0 0	12 0 0	0 6 0	0 8 0
" " (Krishna)	10 8 0	11 0 0	0 5 0	0 6 6
Arbar "	8 8 0	11 0 0	0 4 0	0 5 6
Masur " (split)	7 0 0	8 4 0	0 3 3	0 3 6
" " (Khanri)...	9 0 0	9 12 0	0 3 9	0 5 0
Kalai "	7 8 0	8 8 0	0 3 6	0 5 0
Salt	3 4 0	3 6 0	0 1 6	0 1 9
Sugar (Brown Java)	16 12 0	.....	0 7 6	0 8 0
Gur, Bheli	.....	.....	.....	.....
" Bhursut	9 4 0	9 12 0	0 6 0	.....
Milk	10 0 0	12 0 0	0 3 0	0 5 0
Mustard oil	38 8 0	40 0 0	1 0 0	2 0 0
Flour, country	9 6 0	10 10 0	0 3 3	0 5 6
Atta, No. 3	8 0 0	.....	0 4 0	0 5 6
" " 2½ "	8 2 0	.....	0 4 0	0 5 6
" " B	10 13 6	.....	0 5 0	0 6 6
Suji	10 0 0	11 0 0	0 5 0	.....
Ghee (Bhadwa, Matki, etc.)	91 0 0	92 0 0	2 8 0	.....
" (Patiram, Khurja, Ruto, Etwa, better kind, etc.)	86 0 0	87 0 0	2 4 0	.....
" (Lalli, Etwa, Sagar, etc.)	79 0 0	80 0 0	2 0 0	.....
Maize	7 0 0	7 4 0	.....	.....
Potato	6 4 0	7 0 0	0 3 0	0 3 6
Patal	4 8 0	4 12 0	0 2 0	0 3 0
Brinjal	4 0 0	4 4 0	0 2 0	0 2 6
Onion	3 12 0	4 12 0	0 2 0	0 2 6
Fish, Rahu	25 0 0	30 0 0	0 10 0	1 0 0
Mutton (2nd class)	.....	.....	0 10 0	.....
Beef (2nd and 3rd classes)	.....	.....	0 3 0	0 5 0

N.B.—This is an abstract of prices at the following markets :

Wholesale.—Chetia Hât, Ramkrishnapur Hât, Sealdah Fish and Milk Markets, Posta Bazar.

Retail.—Sir Stuart Hogg Market, Orphanganj Market, Bolda Bazar, Nutan Bazar, Raja Babu's Bazar, Bow Bazar, Jagu Babu's Bazar.

S. C. ROY,
for President, Advisory Food Committee.

CALCUTTA, the 8th September 1919.

IRRIGATION DEPARTMENT

Statement showing heights over mean sea-level and low water in the July 1919, and the highest reading of each gauge over

Date.	RIVER GANGES.										
	Mirzapur. Zero of gauge 206'22 ft.			Buxar. Zero of gauge 186'80 ft.		Buxar. Zero of gauge 187'65 ft.		Dinapore. Zero of gauge 134'33 ft.		Monghyr. Zero of gauge 101'80 ft.(a)	
	Distance in miles.	From Allah- bad 86.	From Allahbad 134.	From Mirzapur 48.	From Buxar 90.	From Buxar 177.	From Buxar 87.	From Buxar 297.	From Dinapore 110.		
Highest gauge reading.	2nd September 1916. 285'7.			2nd September 1916. 244'30.			3rd and 4th Septem- ber 1916 202'30.			5th September 1901 and 6th August 1917. 169'73.	
Lowest gauge reading.	28th June 1897. 187'30.			1st May 1877. 182'80.			10th to 14th May 1914. 160'80.			8th September 1901. 139'60.	
		Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.
1	2	3	4	5	6	7	8	9	10	11	12
1st	...	11'08	217'30	4'00	206'80	8'33	170'88	16'20	150'43	12'17	114'00
2nd	...	11'83	218'05	4'67	201'47	4'42	171'97	16'40	150'63	11'57	113'40
3rd	...	11'83	218'05	5'08	201'88	5'58	173'13	16'50	150'73	11'67	113'50
4th	...	11'83	218'05	5'08	201'88	5'25	172'80	16'70	150'93	11'87	113'70
5th	...	11'75	217'97	5'50	202'30	6'42	173'97	16'90	151'13	12'07	113'90
6th	...	12'92	219'14	7'17	203'97	7'42	174'97	17'60	151'83	12'27	114'10
7th	...	15'17	221'39	7'83	204'63	9'42	176'97	18'60	152'83	13'37	115'20
8th	...	15'50	221'72	9'33	206'13	10'60	178'05	19'80	154'03	14'57	116'40
9th	...	24'17	230'39	16'33	213'13	12'00	179'55	21'20	155'43	14'87	116'70
10th	...	28'75	234'97	24'00	220'80	18'92	186'47	22'10	156'33	15'47	117'30
11th	...	25'17	234'39	24'00	220'80	22'42	189'97	24'70	158'93	16'47	118'30
12th	...	25'75	231'97	22'17	218'97	22'42	189'97	25'60	159'83	17'87	119'70
13th	...	23'75	229'97	20'08	216'88	21'00	188'55	25'40	159'63	18'27	120'10
14th	...	23'33	229'55	18'83	215'63	20'08	187'63	24'70	159'93	18'37	120'20
15th	...	24'17	230'39	18'83	215'63	19'67	187'22	24'30	158'63	17'87	119'70
16th	...	29'25	235'47	23'67	222'47	20'67	188'22	24'00	158'23	17'47	119'30
17th	...	31'75	237'97	27'00	223'80	23'67	191'22	24'70	158'93	17'27	119'10
18th	...	32'92	239'14	28'50	225'30	25'33	192'88	26'30	160'53	17'87	119'70
19th	...	33'83	240'05	29'50	226'30	26'17	193'72	27'40	161'63	18'87	120'70
20th	...	34'25	240'47	30'20	226'80	26'83	194'38	27'70	161'93	19'37	121'20
21st	...	33'83	240'05	29'67	226'47	27'08	194'63	27'70	161'93	19'67	121'60
22nd	...	33'25	239'47	28'83	225'63	26'75	194'30	28'00	162'23	20'27	122'10
23rd	...	33'92	240'14	29'50	226'30	26'83	194'38	28'60	162'83	20'47	122'30
24th	...	34'17	240'39	30'00	226'80	27'00	194'55	28'60	162'73	20'47	122'30
25th	...	34'33	240'55	30'00	226'80	27'17	194'72	28'30	162'53	20'37	122'20
26th	...	34'25	240'47	29'83	226'63	27'83	195'38	28'30	162'53	20'37	122'20
27th	...	34'17	240'39	30'00	226'80	27'50	195'05	28'40	162'63	20'27	122'10
28th	...	33'83	239'55	28'58	225'38	27'33	194'88	28'60	162'73	20'37	122'20
29th	...	32'50	238'72	28'00	224'80	27'00	194'55	24'00	162'23	20'37	122'20
30th	...	32'83	238'55	27'00	223'80	25'75	193'30	27'40	161'63	19'97	121'80
31st	...	31'33	237'55	26'17	222'97	25'17	192'72	27'10	161'33	19'67	121'50

* New gauge fixed at Rajmahal from 1st June 1910 in place of the gauge at Saberbanji. The zero of gauge at Rajmahal 56'46 ft. above M. S. L. from 10th February 1916 to 16th June 1918. From the 16th June 1918 to 6th April 1919 from 1st June 1919 it is 66'819 ft. above M. S. L.

† To compare the reduced levels shown in these monthly printed statements before and after the 1st June 1903, 5'78 ft. October 1909.

(a) A new gauge fixed at Monghyr on 16th July 1914.

(b) From the 1st November 1916 the zero of gauge was 2'43 ft. above M.S.L. Previous to that the zero was at M.S.L. zero is 1'600 ft above M.S.L.

(c) From the 26th January 1916 to 4th April 1919 the zero of gauge at Berhampore was 30'49 ft. above M.S.L. From

(d) From the 26th October 1916 a temporary wooden gauge with its zero at 49'00 ft. above M.S.L. was erected at 3rd June 1919. From 4th June 1919, the zero is 1'51 ft. above M.S.L.

(e) Gauge shifted from Sabik Gaujund to Fakirabad from 30th June 1919.

The 9th September 1919.

IRRIGATION DEPARTMENT

Statement showing heights over mean sea-level and low water in the July 1919, and the highest reading of each gauge over

Date.	RIVER GANGES.										
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	Distance in miles.	From Allah- bad 86.	From Allahbad 134.	From Mirzapur 48.	From Buxar 90.	From Buxar 177.	From Buxar 87.	From Buxar 297.	From Dinapore 110.		
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		Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.
1	2	3	4	5	6	7	8	9	10	11	12
1st	...	11'08	217'30	4'00	206'80	8'33	170'88	16'20	150'43	12'17	114'00
2nd	...	11'83	218'05	4'67	201'47	4'42	171'97	16'40	150'63	11'57	113'40
3rd	...	11'83	218'05	5'08	201'88	5'58	173'13	16'50	150'73	11'67	113'50
4th	...	11'83	218'05	5'08	201'88	5'25	172'80	16'70	150'93	11'87	113'70
5th	...	11'75	217'97	5'50	202'30	6'42	173'97	16'90	151'13	12'07	113'90
6th	...	12'92	219'14	7'17	203'97	7'42	174'97	17'60	151'83	12'27	114'10
7th	...	15'17	221'39	7'83	204'63	9'42	176'97	18'60	152'83	13'37	115'20
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(d) From the 26th October 1916 a temporary wooden gauge with its zero at 49'00 ft. above M.S.L. was erected at 3rd June 1919. From 4th June 1919, the zero is 1'51 ft. above M.S.L.

(e) Gauge shifted from Sabik Gaujund to Fakirabad from 30th June 1919.

The 9th September 1919.

MENT, BENGAL.

rivers Ganges, Bhagirathi, Jalangi and Brahmaputra for the month of M.S.L. as well as the lowest gauge-reading since 1876.

				RIVER BHAGI-RATHI.		RIVER JALANGI.		RIVER BRAHMAPUTRA.			
Rajmahal. Zero of gauge 66' 21 ft.		Rampur-Bolla. Zero of gauge 1' 61 ft. (d)		Goalundo. (e) Zero of gauge is at mean sea-level.		Berhampore. Zero of gauge 32' 49 ft. (c)		Barnapuri. (b) Zero of gauge 1' 50 ft.			
From Benares 407.	From Moughyr 120.	From Benares 471.	From Rajmahal 64.	From Benares 391.	From Rampur- Bolla 120.						
18th August 1913. 66' 46.		26th August 1879. 69' 35.		28th August 1906 and 14th September 1915. 25' 75 ft.		14th August 1890. 64' 70.		28th September 1900. 58' 03.			
2nd May 1910. 54' 52.		23rd April 1886. 57' 63.		29th March 1910. 2' 25.		19th to 24th April 1917 32' 40.		28th March 1916. 2' 13.			
Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over zero of gauge.	Height over zero of gauge.	Height over mean sea-level.		
13	14	15	16	17	18	19	20	21	22	23	24
16' 00	72' 319	47' 89	49' 40	19' 90	19' 90	6' 40	38' 899	6' 26	7' 769	26' 70	175' 46
15' 35	71' 669	47' 59	49' 10	20' 30	20' 30	6' 20	38' 699	6' 83	8' 339	25' 90	174' 66
15' 00	71' 319	47' 19	48' 70	20' 10	20' 10	5' 60	38' 099	7' 32	8' 829	25' 60	174' 36
14' 90	71' 219	46' 99	48' 50	19' 80	19' 80	5' 00	37' 499	7' 19	8' 699	25' 10	173' 86
15' 20	71' 519	46' 99	48' 50	19' 50	19' 50	4' 30	36' 799	6' 96	8' 469	24' 90	173' 66
15' 25	71' 569	46' 99	48' 50	19' 60	19' 60	4' 10	36' 599	8' 06	9' 569	24' 90	173' 66
15' 70	72' 019	47' 29	48' 80	19' 30	19' 30	4' 80	37' 299	8' 03	9' 539	24' 80	173' 56
16' 40	72' 719	47' 64	49' 15	19' 40	19' 40	5' 20	37' 699	8' 20	9' 709	24' 60	173' 36
17' 40	73' 719	48' 39	49' 90	19' 50	19' 50	6' 60	39' 099	9' 90	11' 409	24' 80	173' 56
18' 60	74' 919	49' 29	50' 80	19' 70	19' 70	7' 60	40' 099	10' 30	11' 809	25' 60	174' 36
19' 25	75' 569	50' 34	51' 85	19' 90	19' 90	9' 30	41' 799	10' 56	12' 069	25' 90	174' 66
20' 75	76' 569	51' 09	52' 60	20' 10	20' 10	10' 60	43' 099	11' 34	12' 849	26' 50	175' 26
21' 10	77' 419	52' 19	53' 70	20' 40	20' 40	13' 20	45' 699	12' 13	13' 639	26' 80	175' 56
21' 40	77' 719	52' 89	54' 40	20' 80	20' 80	14' 30	46' 799	13' 10	14' 609	27' 10	175' 86
21' 65	77' 969	53' 24	54' 75	21' 00	21' 00	15' 10	47' 599	15' 11	16' 619	27' 00	175' 76
21' 40	77' 719	53' 29	54' 80	20' 80	20' 80	15' 70	48' 199	18' 26	19' 769	26' 90	175' 66
21' 05	77' 369	53' 19	54' 70	21' 60	21' 60	15' 80	48' 299	19' 59	21' 099	26' 60	175' 36
21' 00	77' 319	52' 99	54' 50	21' 70	21' 70	15' 60	48' 099	19' 68	21' 189	27' 00	175' 76
21' 60	77' 919	53' 29	54' 80	21' 70	21' 70	15' 50	47' 999	19' 29	20' 799	27' 00	175' 76
22' 25	78' 569	53' 99	55' 50	22' 20	22' 20	16' 60	49' 099	20' 04	21' 549	26' 80	175' 56
22' 90	79' 219	54' 99	56' 50	22' 50	22' 50	17' 90	50' 399	21' 16	22' 669	26' 50	175' 26
23' 50	79' 819	55' 29	56' 80	22' 60	22' 60	19' 30	51' 799	21' 98	23' 489	26' 10	174' 86
23' 75	80' 069	55' 79	57' 30	22' 80	22' 80	20' 20	52' 699	22' 70	24' 209	25' 90	174' 66
24' 00	80' 319	56' 04	57' 55	23' 00	23' 00	20' 60	53' 099	23' 76	25' 269	25' 50	174' 26
23' 95	80' 269	55' 99	57' 50	23' 10	23' 10	20' 60	53' 099	24' 81	25' 819	25' 40	174' 16
23' 85	80' 169	56' 09	57' 60	23' 20	23' 20	20' 30	52' 799	24' 57	26' 079	25' 30	174' 06
23' 55	79' 869	55' 99	57' 50	23' 20	23' 20	20' 00	52' 499	24' 53	26' 039	24' 60	173' 36
23' 45	79' 769	55' 94	57' 45	23' 10	23' 10	19' 70	52' 199	24' 59	26' 099	24' 20	172' 96
23' 45	79' 769	55' 94	57' 45	23' 00	23' 00	19' 30	51' 799	24' 37	25' 879	24' 10	172' 86
23' 35	79' 669	55' 79	57' 30	23' 00	23' 00	19' 10	51' 599	24' 12	25' 629	22' 80	171' 56
22' 90	79' 219	55' 49	57' 00	23' 10	23' 10	18' 70	51' 199	23' 81	25' 319	22' 00	170' 76

was 66' 46 ft. above M.S.L. up to 26th October 1916 and 60' 00 ft. above M.S.L. from 27th October 1916. The zero was again it was 54' 81 ft. above M.S.L. from 7th to 16th April 1919. It was 66' 82 ft. above M.S.L. and from 16th should be deducted from the former or added to the latter (vide Bengal Government letter No. 1083T.—L., dated the 12th

dating back 16th July 1897. Zero was at M.S.L. from 1st April 1918 to 18th April 1919. Again from 14th April 1919 the 6th April 1919 the zero is 32' 499 ft. above M.S.L.

Rampur-Bolla in place of the permanent gauge washed away. The zero of gauge was at M.S.L. from 26th June 1918, till

G. J. ST. C. SEDGLEY,
Under-Secy. to the Govt. of Bengal.

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 4th September 1919.

Name of river and place where readings are taken.	Date	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	Compared with previous day's height.		Rise.	Fall.	1917.	1918.	Height above P. W. D. Datum on same date in— Rivers.
						Rise.	Fall.					
Ganges	29th Aug. 1919	6 A.M. ...	23.77'	101.83'	125.60'	...	...	0.50	121.70'	123.00'		
	29th , , ,	6 , , ,	25.95'	56.319'	82.269'	...	0.23'	0.23'	80.46'	80.46'	81.52'	
	29th , , ,	8 hours ...	22.30'	...	...	...	0.20'	0.20'	20.50'	20.50'	24.90'	
Brahmaputra	29th , , ,	8 A.M. ...	14.60'	148.76'	163.36'	...	0.10'	0.10'	167.46'	167.46'	175.86'	
	29th , , ,	12 hours ...	33.70'	...	...	...	0.10'	0.10'	...	...	...
	29th , , ,	8 A.M. ...	14.25'	...	...	0.30	...	0.30	...	...	...
Meghna	29th , , ,	6 hours ...	15.42'	1.61'	17.03'	Steady	...	...	...	...	...
	29th , , ,	8.30 , , ,	12.33'	1.61'	13.94'	...	0.09'	0.09'	...	...	...
	29th , , ,	7 A.M. ...	24.70'	...	...	...	0.05'	0.05'	...	...	...
Dhaleswari	29th , , ,	7 , , ,	26.00'	- 8.62'	17.38'	(0.10'	...	...	...	...	...
Bhagirathi	29th , , ,	6 , , ,	27.25'	1.509'	28.759'	...	0.14'	0.14'	26.03'	26.03'	30.30'	
Damodar	29th , , ,	6 , , ,	10.83'	92.58'	103.41'	4.98'	...	...	...	...	...
Lakhya	29th , , ,	6 A.M. ...	21.17'	- 5.59'	15.58'	...	0.12'	0.12'	...	...	...
Madaripur Bil Route	Takerhat	29th , , ,	13.20'	- 0.599'	12.601'	0.20	...	...	...	...	...

SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPT. 10, 1919. 1073

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 4th September 1919.

Name of river and place where readings are taken.	Date.	Hour.	Reading on Ganga.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	COMPARISON WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE IN—	REMARKS.
						Rise.	Fall.		
Monghyr	30th August 1919	6 A.M. ...	23.67'	101.83'	125.50'	...	0.10'	121.70'	122.70'
Rajmahal	30th	6 "	25.60'	56.319'	81.919'	...	0.35'	80.41'	81.61'
Goalundo	30th	8 hours ...	22.21'	...	...	...	0.10'	20.30'	25.00'
Gauhati	30th	8 A.M.	14.94'	148.76'	162.66'	0.30'	...	168.86'	173.66'
Serajganj	30th	12 hours ...	33.60'	...	...	...	0.10'	...	...
Dibrugarh	30th	8 A.M. ...	14.50'	...	...	0.25'	...	...	...
Bhairab Bazar	30th	6 hours ...	15.33'	16.61'	16.94'	...	0.09'	...	...
Meaphna	30th	9 "	12.00'	1.61'	13.61'	...	0.33'	...	...
Fenchuganj	30th	7 A.M. ...	24.50'	...	...	...	0.20'	...	...
Dhaleswari	30th	7 "	25.80'	- 8.62'	17.18'	...	0.20'	...	...
Bhagirathi	30th	6 "	27.23'	1.509'	28.739'	...	0.02'	25.28'	30.89'
Damodar	30th	6 "	9.00'	92.58'	101.58'	...	1.83'	...	...
Lakhya	Narayanganj	30th	...	- 20.92'	- 5.59'	15.33'	0.25'	...	...
Nadaripur Bit Ronte	Takerhat	30th	6 A.M. ...	13.20'	- 0.599'	12.601'	Steady	...	...

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 4th September 1914.

Name of river and place where readings are taken.	Date.	Hour.	Reading on Gauge.	Value of zero referred to P.W.D. datum.	Height above P.W.D. datum.	COMPARED WITH PREVIOUS DAY'S HEIGHT.		DATE OF SAME DATA :-	HEIGHT ABOVE P.W.D.
						Rise.	Fall.		
Monghyr	31st Aug. 1919	6 A.M.	23.67'	101.83'	125.50'	Steady	...	121.90'	122.30'
Rajmahal	" " "	6 " ...	25.30'	56.319'	81.619'	...	0.30'	80.46'	81.46'
Goalundo	" " "	8 hours ...	22.00'	...	...	...	0.20'	20.20'	25.10'
Gauhati	" " "	8 A.M.	15.10'	148.76'	163.86'	0.20	...	169.46'	175.16'
Serajganj	31st "	12 hours ...	33.20'	...	...	...	0.40'	...	...
Dibrugarh	" " "	8 A.M.	14.50'	...	...	Steady	...	...	...
Bhairab Bazar	31st "	6 hours ...	15.42'	1.61'	17.03'	0.09'	...	...	...
Champhur	" " "	9.30 hours	11.75'	1.61'	13.36'	...	0.25'	...	...
Fenchuganj	" " "	7 A.M.	24.40'	...	...	...	0.10'	...	...
Meghna	" " "	7 " ...	25.70'	8.62'	17.08'	...	0.10'	...	...
Dhaleswari	31st "	7 " ...	25.70'	8.62'	17.08'	...	0.10'	...	...
Bhagirathi	Swarupganj	" " "	27.14'	1.509'	28.649'	...	0.09'	24.53'	20.95'
Damodar	Edipur	" " "	8.67'	92.58'	101.25'	...	0.33'	...	...
Lakhya	Narsyanganj	" " "	20.94'	- 5.59'	15.35'	0.02'	...	...	...
Madaripur Bil Route	Takerhat	" " "	13.10'	- 0.599'	12.501'	...	0.10'	...	...

SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPT. 10, 1919. 1075

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 4th September 1919.

Name of river and place where readings are taken.	Date.	Hour.	Reading on Gauge.	Value of zero referred to P. W. D. datum.	COMPARED WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE AS—	Remarks.
					Rule.	Fall.		
Ganges	1st Sept. 1919	6 A.M. ..	25.47'	101.83'	125.30'	... 0.20'	122.20'	121.40'
	1st " "	6 " ..	25.10'	56.319'	81.419'	0.20'	80.61'	81.21'
	1st "	8 hours ...	22.00'	...	...	Steady	20.40'	25.20'
Brahmaputra	1st "	8 A.M. ...	15.40'	148.76'	164.16'	0.30'	...	170.26'
	1st "	12 hours ...	33.00'	...	...	...	0.20'	...
	1st "	8 A.M. ...	14.70'	...	...	0.20'	...	...
Meghna	1st "	6 hours ...	15.33'	...	16.94'	...	0.09'	...
	1st "	10 " ..	12.25'	1.61'	13.86'	0.50'	...	...
	1st "	7 A.M. ..	24.30'	...	...	...	0.10'	...
Dhaleswari	1st "	7 " ..	25.50'	...	16.88'	...	0.20'	...
	1st "	6 " ..	26.93'	1.509'	28.439'	...	0.21'	23.98'
	1st "	6 " ..	10.08'	92.58'	102.66'	1.41'	...	...
Bhagirathi	1st	"	21.02'	-5.59'	15.43'	0.08'	...	...
	1st	"	13.10'	-0.599'	12.501'	Steady	...	...
Damodar	1st	"	6 A.M. ...	...	...	...	...	...
	1st	"	6 " ..	...	...	...	...	...
Lakhya	1st	"	6 " ..	...	...	...	...	...
Madaripur Bil Rout	Takerhat	...	6 " ..	...	...	...	...	...

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 4th September 1919.

Name of river and place where readings are taken.	Date.	Hour.	Reading on Gauge.	Vision of zero referred to P. W. D. datum.	Height above P. W. D. datum.	COMPARED WITH PREVIOUS DAY'S HEIGHT.		Weight Above P. W. D. DATA IN SAME DATE IS—	REMARKS.
						Rise.	Fall.		
						1917.	1918.		
Ganges	2nd Sept. 1919	6 A.M.	23'47'	101'83'	125'30'	Steady		122'30'	121'10'
	2nd ,,	6 ,,	25'15'	56'319'	81'469'	0'05'	...	80'76'	80'71'
	2nd ,,	8 hours	21'80'	...	...	...	0'02'	29'80'	25'10'
Brahmaputra	2nd ,,	8 A.M.	15'70'	148'76'	164'46'	0'30'	...	171'16'	173'76'
	2nd ,,	12 hours	32'90'	...	...	...	0'10'	...	...
	2nd ,,	8 A.M.	15'40'	...	...	0'70'	...	...	...
Meghna	2nd ,,	6 hours	15'25'	1'61'	16'86'	...	0'08'	...	...
	2nd ,,	10-30 ,,	11'75'	1'61'	13'36'	...	0'50'	...	...
	2nd ,,	7 A.M.	24'20'	...	...	...	0'10'	...	...
Dhaleswari	2nd ,,	7 ,,	25'50'	- 8'62'	16'88'	Steady	...	...	...
Bhagirathi	2nd ,,	6 ,,	26'70'	1'509'	28'209'	...	0'23'	23'61'	30'68'
Damodar	2nd ,,	6 ,,	12'00'	92'58'	104'58'	1'92'	...	...	...
Lakhsa	2nd ,,	... ,,	20'58'	- 5'59'	14'99'	...	0'41'	...	...
Madaripur Bil Route	Takerhat	6 A.M.	13'10'	- 0'599'	12'501	Steady	...	...	...

SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPT. 10, 1919. 1077

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 4th September 1919.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	COMPARED WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P. W. D. DATE ON SAME DATE IN— REMARKS.	1918.
					Rms.	Ft.		
Ganges	3rd Sept. 1919	6 A.M.	23·57'	101·83'	125·40'	0·10'	...	122·40' 120·90'
	3rd " "	6 " "	25·05'	56·319'	81·369	...	0·10'	80·86' 80·26'
	3rd "	8 hours	21·60'	...	...	...	0·20'	21·20' 25·00'
Brahmaputra	3rd "	8 A.M.	16·10'	148·76'	164·86'	0·40'	...	171·86' 173·46'
	3rd "	12 hours	32·80'	...	...	...	0·10'	...
	3rd "	8 A.M.	15·80'	...	...	0·40'	...	...
Meghna	3rd "	6 hours	15·17'	1·61'	16·78'	...	0·08'	...
	3rd "	12 "	11·00'	1·61'	12·61'	...	0·75'	...
	3rd "	7 A.M.	24·10'	...	...	...	0·10'	...
Dhaleawari	3rd "	7 "	25·50'	- 8·62'	16·88'	Steady	...	...
Bhagirathi	3rd "	6 "	26·43'	1·509'	27·939	...	0·27'	23·55' 30·47'
Damodar	3rd "	6 "	12·92'	92·58'	105·50'	0·92'	...	...
Lakhya	3rd "	6 "	20·23'	- 5·59'	14·64'	...	0·35'	...
Madaripur.Bil Ronte	Takerhat	6 A.M.	13·00'	- 0·599'	12·401'	...	0·10'	...

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 4th September 1919.

Name of river and place where readings are taken.	Date	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	COMPARED WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE IN 1917.		REMARKS
						Rise.	Fall.	1917.	1918.	
Ganges	4th Sept. 1919	6 A.M. ...	24'67'	101'83'	126'50'	1'10'	...	122'40'	121'00'	
	4th "	6 " ...	25'30'	56'319'	81'619'	0'25'	...	81'01'	79'86'	
	4th "	8 hours ...	21'50'	...	...	...	0'10'	21'40'	24'90'	
Brahmaputra	4th "	8 A.M. ...	16'60'	148'76'	165'36'	0'50'	...	172'26'	172'86'	
	4th "	12 hours ...	33'00'	...	...	0'20'	...	...	...
	4th "	8 A.M. ...	17'20'	...	...	1'40'	...	...	...
Meghna	4th "	6 hours	15'08'	1'61'	16'69'	...	0'09'	...	...
	4th "	13 " ...	10'50'	1'61'	12'11'	...	0'50'	...	...
	4th "	7 A.M. ...	23'90'	...	...	...	0'20'	...	...
Dhaleswari	Sabbar	7 "	25'50'	-8'62'	16'88'	Steady	...	...	...
Bhogirathi	Swarupganj	7 "	26'21'	1'509'	27'719'	...	0'22'	23'91'	30'24'	
Dumodar	Elipur	6 "	12'00'	92'58'	104'58'	...	0'92'	...	...
Lakhya	Narayanganj	6 "	20'08'	-5'59'	14'49'	...	0'15'	...	...
Madnipur Bil Route	Takerhat	6 A.M. ...	13'00'	-0'599'	12'401'	Steady	...	...	...

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

Approximate return of traffic on the Circular and Eastern Canals for the week ending Saturday, the 6th September 1919, as compared with the corresponding week of the previous year.

Nature of Cargo.	WEEK ENDING SATURDAY, THE 6TH SEPTEMBER 1919.			WEEK ENDING SATURDAY, THE 7TH SEPTEMBER 1918.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
Rice and paddy	531	54,755	Mds. 791 Re. 8,902	930	Mds. 129,822 Re. 403,318	2,023 5,374
Jute	149	49,517*	Mds. 525 Re. 1,142	83	Mds. 85,080† Re. 557	380 1,866
Firewood	57	36,475	Mds. 383 Re. 5,044	171	Mds. 65,425 Re. 2,503	1,024 6,740
Other articles	829	203,178	Mds. 2,203 Re. 403,308	762	Mds. 173,031 Re. 403,308	1,947 6,740
Total	1,566	333,925		1,946		
Empty boats and rafts	446	...		557	...	
GRAND TOTAL	2,012	333,925	Mds. 5,044 Re. 6,740	2,503	403,308	

* Weight by casual measurement
† Ditto ditto

CALCUTTA,
The 9th September 1919.

G. J. ST. C. SEDGLEY,
Under-Secy. to the Govt. of Bengal.

Statement showing the gauge-readings at Dacca Water-works Station on the river Buriganga for the week ending the 30th August 1919.

Date.	At 7 A.M.	AT HIGHEST WATER.		AT LOWEST WATER.		At 6 P.M.	Remarks.
		Time.	Readings.	Time.	Readings.		
1919. 24th Aug.	63·75	...	...	...	...	63·7	
25th "	63·8	...	...	...	...	64·1	
26th "	64·3	...	...	...	...	64·4	
27th "	64·5	...	...	...	...	64·5	
28th "	64·5	...	...	...	...	64·55	
29th "	64·55	...	...	...	...	64·5	
30th "	64·45	...	...	...	...	64·3	

Notable high and low water-levels of previous years.

27th August	1906	70·5	Taken at high tide.
5th September	1909	...	...	...	...	67·86
10th August	1910	...	...	...	...	69·86
1st "	1911	...	...	...	...	68·46
15th "	1912	...	...	...	...	67·16
21st "	1915	...	...	...	...	26·7
18th "	1916	...	...	...	...	68·1
12th "	1917	...	...	...	...	67·1
21st "	1918	...	...	...	...	69·12
28th February	1907	...	...	...	...	51·06
18th "	1908	51·06	
12th March	1912	51·06	
6th "	1914	50·60	Taken at low tide.
22nd February	1915	...	...	...	...	50·30
15th "	1916	...	...	...	...	50·60
8th March	1917	...	...	...	...	51·0
21st February	1918	51·40	

DACCA,
The 3rd September 1919.

W. J. KERR,
Executive Engr., Dacca Division.

Statement of Weekly Gauge-readings on the River Ganges at Rampur-Boalia for the week ending the 30th August 1919.

Date.	Hour.	Height of surface above or below zero : minus sign for those below zero.	Height of surface above mean sea-level according to P. W. D. datum.(a)	Height of surface above mean sea-level on the same date last year according to P. W. D. datum.(a)	Remarks.
1919.					
24th August	... 8 A.M.	Zero of gauge is at mean sea-level.	61'20	57'71	B. M. on College step
25th	... 8 "		61'15	58'91	corrected (P. W. D.)
26th	... 8 "		61'00	60'31	64'93.
27th	... 8 "		60'95	61'16	
28th	... 8 "		60'90	61'51	
29th	... 8 "		60'80	61'71	
30th	... 8 "		60'50	61'61	

(a) Datum corrected by adding 1'51 to the value of zero, *vide* Superintending Engineer's No. 2876 dated 8-8-17, 10th May 1919, and Bengal Government, Public Works Department, Irrigation Branch, Resolution No. 4521, dated 17th February 1919.

	Old value.	According to P. W. D. datum.
The previous year	Highest water-level ... 66'52 on 30th August 1918	61'71
Ditto	Lowest " 41'70 on 21st April 1918	30'89
Record	Highest " 69'25 on 26th August 1879	64'44
Do.	Ditto " 69'08 on 9th September 1885	64'27
Do.	Ditto " 68'80 on 25th August 1906	63'47
Do.	Ditto " 68'21 on 26th August 1890	63'40
Do.	Lowest " 37'68 on 29th April 1884	32'82
Do.	Ditto " 38'18 on 14th-15th April 1888	33'32
Do.	Ditto " 39'02 on 21st-22nd April 1897	34'21
Do.	Ditto " 39'28 on 6th-7th May 1908	34'47

N.B.—The gauge-readings commenced from the 1st August 1887.

BOALIA,

D. M. BANERJI,

The 30th August 1919. for Executive Engineer, Rajshahi Divn.

Statement of weekly gauge-readings on the rivers Ganges and Brahmaputra at Goalundo for the week ending 30th August 1919.

Month and date.	Hour.	Height of surface above or below zero of gauge.	Height of surface above mean sea-level.	Height of surface above mean sea-level on same date last year.	Remarks.
1919.					
24th August	... 7 A.M.	22'4	22'4	23'5	Zero is placed at mean sea-level.
25th	... 7 "	22'4	22'4	23'6	The bench mark for the gauge is on a pucca pillar between the passenger ghāt and Chandpore ghāt.
26th	... 7 "	22'5	22'5	23'9	Its reduced level is 22'41.
27th	... 7 "	22'7	22'7	24'3	
28th	... 7 "	22'5	22'5	24'7	
29th	... 7 "	22'3	22'3	24'9	
30th	... 7 "	22'2	22'2	25'0	

The previous year	... Highest water-level ... 25'2 on 1st September 1918.
Ditto	... Lowest " 5'3 on 9th March 1918.
Record (H.F. in Brahmaputra and Ganges)	... Highest " 25'75 on 28th August 1906.
Record (average flood in Brahmaputra and Ganges)	... Ditto " 25'74 on 20th and 21st August 1898.
Record (H.F. in Brahmaputra and Ganges)	... Ditto " 25'66 on 11th to 17th and 31st August and on 1st to 3rd September 1889.
Record (H.F. in Brahmaputra only)	... Ditto " 25'66 on 31st July 1900.
Do.	... Lowest " 1'0 on 8th February 1914.
Do.	... Ditto " 2'42 on 18th March 1908.
Do.	... Ditto " 2'91 on 21st to 24th February and 8th to 9th March 1884.
Do.	... Ditto " 3'16 on 9th to 11th March 1885.
Do.	... Ditto " 3'16 on 16th, 17th and 29th to 31st March 1901.

N.B.—The gauge-readings commenced from 3rd October 1909.

FARIDPUR,

R. K. GHOSE,

The 1st September 1919. for Subdivisional Officer, P. W. D., Faridpur.

**REPORT OF THE COMMITTEE ON THE HOOGHLY RIVER
AND ITS HEAD WATERS.**

GOVERNMENT OF BENGAL.

IRRIGATION DEPARTMENT.

CALCUTTA, THE 9TH SEPTEMBER 1919.

RESOLUTION—No. 4133I.

READ—

- (1) Report of the Committee on the Hooghly River and its head waters.
- (2) Note on the geological aspect of the changes that have taken place in the rivers of Bengal, by Messrs. Hayden and Pascoe.
- (3) Report on the physical and hydraulic characteristics of the rivers of the delta, by Mr. H. G. Reaks.
- (4) Report of the special Sub-Committee regarding the scientific and hydrographical data and practical measures required for gauging the condition of the Nadia rivers and protecting them from deterioration.
- (5) Note on deltaic rivers, by Mr. C. Addams-Williams, C.I.E.

In pursuance of the Bengal Government Resolution No. 373T-I., dated the 9th October 1916, a press *communiqué* was issued on the 17th February 1917, notifying for general information that the Governor in Council has been pleased to appoint a Committee, of which the constitution is given below, to advise Government on the steps which should be taken to carry out systematic observations of the changes in the Nadia rivers, and also, if possible, to improve their condition as navigable channels and as feeders of the Lower Hooghly.

President.

The Hon'ble Mr. C. J. Stevenson-Moore, c.v.o., I.C.S., Member, Board of Revenue, Bengal.

Members.

- (1) The Vice-Chairman, Port Commissioners, Calcutta, Mr. S. C. Williams.
- (2) The Deputy Conservator, Port of Calcutta, Commander E. A. Constable, R. N. (retired).
- (3) Mr. C. Addams-Williams, C.I.E., Superintending Engineer, Bengal.
- (4) Major F. C. Hirst, I.A., Director of Surveys, Bengal.
- (5) An officer of the Survey of India, nominated by the Government of India.
Lt. Col. C. H. D. Ryder, C.I.E., D.S.O., R. E., Superintendent, Map Publication.
- (6) An officer of the Geological Survey, to be nominated by the Government of India.
Mr. H. H. Hayden, C.I.E., Director, Geological Survey of India.
- (7) Mr. J. Campbell, of Messrs. Mackinnon, Mackenzie & Co., representative of the Bengal Chamber of Commerce.
- (8) Mr. James E. Roy, of Messrs. Macneill & Company, representative of the joint steamer companies (I. G. N. & Ry. Co., & R. S. N. Co. Ltd.)
- (9) Mr. A. R. Murray, of Messrs. Thomas Duff & Co. Ltd., representative of the Jute Mills Association.
- (10) The Hon'ble Maharaja Sir Manindra Chandra Nandi, K.C.I.E., of Cossimbazar.
- (11) The Hon'ble Raja Hrisikesh Laha, C.I.E.

The report of the Committee is now before Government.